



BRÄMEC[®]

CORPORATION



**Product Catalog
1047**

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IF IT IS YOUR POLICY TO ISSUE A CONFIRMING PURCHASE ORDER FOLLOWING PHONE ORDERS, BE CERTAIN THE ORDER IS CLEARLY MARKED AS CONFIRMING.

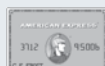
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Visa, Master Card, and American Express are accepted, making it easier to buy for those wholesalers without established credit with Bramec Corporation.



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PRICING: Prices are subject to change without notice. Customers will be notified of all price changes to their order by phone or fax prior to order shipping.

FREIGHT POLICY: Continental US Full Freight Allowed is \$2,000 except Iowa, Illinois, Indiana, Minnesota, Missouri, Nebraska, South Dakota, & Wisconsin where FFA is \$1500. Canadian Full Freight Allowed is \$2,500. Extra charges, such as scheduled delivery appointments, re-delivery fees, lift gates, detention charges, etc. are not included in FFA shipments. Any additional special charges to Bramec will be charged back to customer. All orders less than FFA, shipping and handling will be prepaid and added to your invoice. All orders are shipped F.O.B. North Sioux City, South Dakota.

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BACK ORDERED ITEMS: When an item is unavailable, back orders are generated. All back orders under \$25 or over ninety days old will be automatically cancelled.

TEMPORARILY UNAVAILABLE ITEMS: If an item becomes unavailable due to market conditions, the item will be removed from the order and will not be back ordered. The item will need to be reordered at a later date when the item becomes available again.

LOST OR DAMAGED FREIGHT: Although we take special care to insure the safe arrival of your merchandise, *our responsibility for damages ceases when the shipment is accepted by the carrier.* To protect your interests, we suggest that you thoroughly inspect all items before accepting delivery. If your order was damaged in shipment or contains a shortage, report the loss or damage **AT ONCE** to the delivering freight company. Any claims for lost or damaged freight must be filed with the delivering freight company. If damage is present you must hold the original carton and merchandise for local inspection --- otherwise no claim can be honored.

ORDER DISCREPANCIES: All order discrepancies must be reported to us within one business day from the date of the delivery. Any discrepancies reported after this period cannot be honored.

RETURNS: No merchandise will be accepted for return without prior written authorization. Fax or email request to our Customer Service Department requesting an RGA (Return Goods Authorization). Each package of returned goods must be labeled with its proper **RETURN GOODS AUTHORIZATION LABEL (OR PHOTOSTAT)** provided by Bramec Corporation. We are sorry, but any returns not labeled accordingly will be automatically refused by our receiving department. All returns must be returned prepaid and subject to inspection for damage or misuse prior to issuance of credit. No credit will be allowed for material determined to be over 1 year old, of obsolete or old design, in unsalable condition, or not in standard quantities. All returns are subject to a restocking, repackaging, and return charge. Cash refunds are not made on returned merchandise or credit balances. Tape rule end hooks or blades, are not guaranteed against breakage.

TOLL FREE 1-800-843-9974 (In All 50 States & Canada) / FAX 1-800-329-3003
Order Department Open 8:00 A.M. to 4:00 P.M. Central Time

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WARNING: Bramec Products may cause Cancer & Reproductive Harm www.P65Warnings.ca.gov



Equipment Pads

- Extremely Lightweight
- Easy to Install
- Patented
- Strong High Density Polyethylene Construction
- With UV Inhibitors
- More Ground Surface Contact Area Than Any Other Plastic Pad
- Textured Top to Prevent Slipping
- Gray in Color



ITEM NO.	DESCRIPTION	PAD WEIGHT	STD QTY	PLT QTY	U M
183621	18" x 36" x 2" Equipment Pad	5.5	1	52	EA
24242	24" x 24" x 2" Equipment Pad	4.5	1	38	EA
24362	24" x 36" x 2" Equipment Pad	6	1	36	EA
30302	30" x 30" x 2" Equipment Pad	6.5	1	28	EA
33332	33" x 33" x 2" Equipment Pad	8	1	26	EA
36362	36" x 36" x 2" Equipment Pad	10	1	25	EA
36482	36" x 48" x 2" Equipment Pad	15.5	1	20	EA
183633	18" x 36" x 3" Equipment Pad	6.75	1	34	EA
24243	24" x 24" x 3" Equipment Pad	6.5	1	26	EA
24363	24" x 36" x 3" Equipment Pad	9	1	25	EA
30303	30" x 30" x 3" Equipment Pad	10	1	19	EA
33333	33" x 33" x 3" Equipment Pad	13	1	17	EA
36363	36" x 36" x 3" Equipment Pad	15	1	16	EA
36483	36" x 48" x 3" Equipment Pad	19	1	13	EA

Air-Pad III® Condenser Base

- Modular inter-locking design increases versatility
- Patented design
- Easy, safe, fast installation
- Self-draining
- 2" height
- UV resistant
- Gray in color
- Light-weight, sturdy design
- Pre-assembled in many popular sizes



ITEM NO.	DESCRIPTION	PAD WEIGHT	STD QTY	PLT QTY	U M
86512	18" x 36" x 2" Gray Air-Pad	6.3 lbs	1	25	EA
86513	24" x 24" x 2" Gray Air-Pad	5.6 lbs	1	25	EA
86514	24" x 30" x 2" Gray Air-Pad	7 lbs	1	25	EA
86515	24" x 36" x 2" Gray Air-Pad	8.4 lbs	1	25	EA
86516	30" x 30" x 2" Gray Air-Pad	8.75 lbs	1	25	EA
86517	30" x 36" x 2" Gray Air-Pad	10.5 lbs	1	25	EA
86518	30" x 42" x 2" Gray Air-Pad	12.25 lbs	1	25	EA
86520	30" x 48" x 2" Gray Air-Pad	14 lbs	1	25	EA
86519	36" x 36" x 2" Gray Air-Pad	12.6 lbs	1	25	EA
86521	36" x 42" x 2" Gray Air-Pad	14.7 lbs	1	25	EA
86522	36" x 48" x 2" Gray Air-Pad	16.8 lbs	1	25	EA

Air-Pad® Mallet

- Wood handle
- The ideal tool for re-sizing Air-Pad® Condenser Bases



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20310	Solid Rubber Mallet	1	4	EA

Air-Pad III® Condenser Base

- Modular inter-locking design increases versatility
- Patented design
- Easy, safe, fast installation
- Self-draining
- 3" height
- UV resistant
- Gray in color
- Light-weight, sturdy design
- Pre-assembled in many popular sizes



ITEM NO.	DESCRIPTION	PAD WEIGHT	STD QTY	PLT QTY	U M
87012	18" x 36" x 3" Gray Air-Pad III	9 lbs	1	20	EA
87013	24" x 24" x 3" Gray Air-Pad III	8 lbs	1	20	EA
87014	24" x 30" x 3" Gray Air-Pad III	10 lbs	1	20	EA
87015	24" x 36" x 3" Gray Air-Pad III	12 lbs	1	20	EA
87016	30" x 30" x 3" Gray Air-Pad III	12.5 lbs	1	20	EA
87017	30" x 36" x 3" Gray Air-Pad III	15 lbs	1	20	EA
87018	30" x 42" x 3" Gray Air-Pad III	17.5 lbs	1	20	EA
87020	30" x 48" x 3" Gray Air-Pad III	20 lbs	1	20	EA
87019	36" x 36" x 3" Gray Air-Pad III	18 lbs	1	20	EA
87021	36" x 42" x 3" Gray Air-Pad III	21 lbs	1	20	EA
87022	36" x 48" x 3" Gray Air-Pad III	24 lbs	1	20	EA

Mini Split Bracket (Type 1)

- 2 mm thickness
- Quick and easy installation
- Includes: 2: wall brackets with hinge bolt, 4: concrete anchors, 4: rubber vibration pads, 2: leveling screws, 4: 14 mm nuts, 8: 5/16" washers, & 4: 14 mm X 1" bolts



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20915	16-1/2" x 21-3/4" Bracket (3 HP)	1	10	PR

Mini Split Bracket (Type 2)

- 2 mm thickness
- Complete mounting system
- The bracket is capable of holding up to 440 lbs
- Includes: 2: wall brackets with hinge bolt, 1: 31" horizontal wall bar, 4: concrete anchors, 4: rubber vibration pads, 2: leveling screws, 4: 14 mm nuts, 8: 5/16" washers, & 4: 14 mm X 1" bolts



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20916	31" x 15" x 17-3/4" Bracket (2 HP)	1	10	PK
20917	31-1/2" x 15" x 21-1/2" Bracket (3 HP)	1	10	PK

Mini Split Drain Tube

- Design prevents kinks
- Fits standard 5/8" in male adapters
- 3/4" OD allows transition to rigid PVC

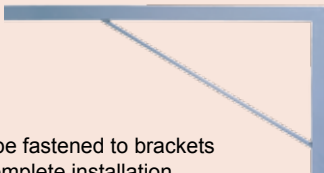


ITEM NO.	DESCRIPTION	STD QTY	U M
23020	5/8" ID X 20' Mini Split Drain Tube	9	RL
23160	5/8" ID X 160' Mini Split Drain Tube	1	RL

Cross Reference Numbers
20320 230-DL1620 79127
23160 230-DL16

Bracket For Air-Conditioners & Heat-Pumps

- Condenser units stay level
- Coils stay cleaner
- Can be mounted at any height
- Easy maintenance under units
- Less chance for coil fin damage
- Pre-punched holes allow units to be fastened to brackets
- No waiting for finished grade to complete installation
- Boxed in corrugated cardboard carton



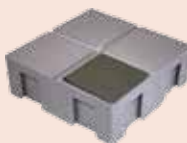
ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
19879	30" Bracket - Powder Coated	1	48	PR
19880	36" Bracket - Powder Coated	1	48	PR
19881	42" Bracket - Powder Coated	1	48	PR
19882	48" Bracket - Powder Coated	1	48	PR

Cross Reference Numbers

19879	ACB-30	93630	19880	ACB-36	92631
19881	ACB-42	92632	19882	ACB-48	92636

Utility Block

- 2" high 6" x 6" blocks
- Mastic included
- Raise equipment 2"
- Gray in color
- Conveniently packed four blocks per pack



ITEM NO.	DESCRIPTION	STD QTY	U M
19892	2" Utility Block	4	EA

Cross Reference Numbers

19892	FB-1	79085	68150
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Furnace Leg

- 6" x 1-1/2" x 1"
- 3/16" mounting holes
- 16 gauge galvanized cold roll steel
- Easily adjust height for uneven surfaces



ITEM NO.	DESCRIPTION	STD QTY	U M
20105	Furnace Leg	250	EA

Pump-Up® Equipment Stand

- Easy to install
- Elevate heat pumps & air handling units
- Made of corrosion-resistant plastic
- Allows better condensate drainage
- Polymeric mastic included
- Absorbs vibration & noise
- Over 30 years of proven service
- Solid 6" x 6" mounting base
- Top diameter 4-1/8"
- **Convenient Four Packs**



Cross Reference Numbers

4005	HPR-3-2P	93602
4008	HPR-6-2P	93603
4004	HPR-EXT	93604

ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
4005	3" Gray Pump-Up	4	576	EA
4005BLK	3" Black Pump-Up	4	576	EA
4008	6" Gray Pump-Up	4	336	EA
4008BLK	6" Black Pump-Up	4	336	EA
4004	4" Gray Extension	4	480	EA
20212	4" Black Extension	4	480	EA

Screw-Up® Adjustable Height Equipment Stand

- Reduce or eliminate call back time
- Easy leveling of units during & after installation
- Simple to install
- Elevate heat pumps & air handling units
- Made of corrosion-resistant plastic
- Allows better condensate drainage
- Polymeric mastic included for each unit
- Absorbs vibration & noise
- Adjustable height: 6" - 7-1/4"
- Utility Patent 6,631,878

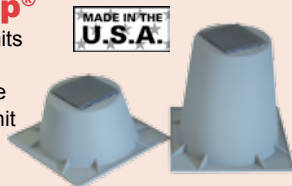


ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
4007	6" - 7 1/4" Gray Screw-Up	4	336	EA
4007BLK	6" - 7 1/4" Black Screw-Up	4	336	EA

Convenient Four Packs

1-Piece Riser Pump-Up®

- Elevate heat pumps & air handling units
- Allows better condensate drainage
- Helps prevent corrosion of metal base
- Polymeric mastic included on each unit



Cross Reference Numbers

2003	5003	HPR-3	93600
2006	5006	HPR-6	93601

ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
2003	3" Gray 1-Piece Riser Pump-Up	48	1728	EA
2006	6" Gray 1-Piece Riser Pump-Up	36	972	EA

Black Grooved Pump-Up®

- Elevates heat pump
- Top has 1 straight & 1 curved groove
- **Convenient Four Packs**



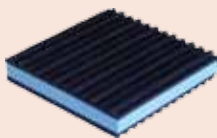
ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
20211	6" Black Grooved Pump-Up	4	336	EA
20212	4" Black Pump-Up Extension	4	480	EA

Cross Reference Numbers

20211	BAYLEGS002	20212	BAYLEGS003
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High Performance Anti-Vibration Pads

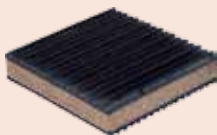
- Blue composite foam center
- Not affected by oils & chemicals
- For severe vibration applications
- 50 lbs per square inch recommended maximum loading capacity



ITEM NO.	DESCRIPTION	STD QTY	U M
6732	2" x 2" x 7/8" High Performance Pad	100	EA
6733	3" x 3" x 7/8" High Performance Pad	36	EA
6734	4" x 4" x 7/8" High Performance Pad	24	EA
6736	6" x 6" x 7/8" High Performance Pad	12	EA
6738	18" x 18" x 7/8" High Performance Pad	6	EA

Cork/Rubber Anti-Vibration Pads

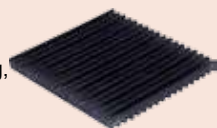
- Ribbed design with a cork center
- Made from high quality elastomeric materials
- Compounded for excellent resistance to aging, compression set & oil
- 50 lbs per square inch recommended maximum loading capacity
- Cork/Rubber AV pads not recommend for outdoor use



ITEM NO.	DESCRIPTION	STD QTY	U M
6132	2" x 2" x 7/8" Cork/Rubber Pad	100	EA
6133	3" x 3" x 7/8" Cork/Rubber Pad	36	EA
6134	4" x 4" x 7/8" Cork/Rubber Pad	24	EA
6136	6" x 6" x 7/8" Cork/Rubber Pad	12	EA
13070	12" x 12" x 7/8" Cork/Rubber Pad	12	EA
6138	18" x 18" x 7/8" Cork/Rubber Pad	6	EA

All Rubber Anti-Vibration Pads

- Solid cross-ribbed design
- Made from high quality elastomeric materials
- Compounded for excellent resistance to aging, compression set & oil
- 50 lbs per square inch recommended maximum loading capacity



ITEM NO.	DESCRIPTION	STD QTY	U M
6432	2" x 2" x 3/8" All Rubber Pad	48	EA
6433	3" x 3" x 3/8" All Rubber Pad	24	EA
6434	4" x 4" x 3/8" All Rubber Pad	24	EA
6436	6" x 6" x 3/8" All Rubber Pad	24	EA
6438	18" x 18" x 3/8" All Rubber Pad	6	EA

Super-Duty Rubber Anti-Vibration Pads

- All rubber construction
- Reduces vibration & noise from equipment
- Pad is easily cut in to 81 individual 2" x 2" squares with scissors, utility knife, etc.
- Make into any size combination in 2" increments
- Compounded for excellent resistance to aging, compression set & oil



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
19709	18" x 18" x 3/4" Super-Duty Pad	5	200	EA

Retractable Utility Knife

- Rugged sturdy handle
- Safety lip
- Point of Purchase Packaging
- Works great for Super-Duty Pads (item number 19709)



ITEM NO.	DESCRIPTION	STD QTY	U M
14000	Utility Knife with Blades	10	EA

All-Purpose Electrician's Tool

Crimps insulated sizes 22-10 & 7-8 MM auto ignition terminals
Six wire stripping stations for stripping 22-10 ga. wire
Features a wire cutter & a bolt cutter for five popular sizes
Crimps insulated terminals sizes 12-10 (yellow) & 22-14 (red & blue)



Wire Stripper-Cutter

Features "Plier" nose for pulling & looping wire
Power spring to speed work
Strips & cuts 10-22 ga. wire
Vinyl cushion handles



See Page 93 for more information!

Seamless Metal Drain Pans

- One-piece construction with seamless formed corners
- Nestable design saves space & protects edges
- 26 gauge galvanized steel construction
- PVC fitting included
- 2" deep
- Long side drain hole
- Patented design



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
16215	27" X 48" Metal Pan	5	50	EA
16216	27" X 63" Metal Pan	5	50	EA
16217	30" X 30" Metal Pan	5	50	EA
16218	30" X 50" Metal Pan	5	50	EA
16219	30" X 60" Metal Pan	5	50	EA
16220	32" X 63" Metal Pan	5	50	EA

Condensate Drain Pan Fittings

- Connects to PVC, vinyl tubing, polyethylene, etc.
- One rubber gasket included for each fitting
- Can be hand tightened
- Eliminates soldering & bimetallic corrosion
- Items 16657 & 17651 have a metal lock nut



ITEM NO.	DESCRIPTION	STD QTY	U M
0655	3/4" FPT With Nylon Nut	25	EA
0656	3/4" MPT With Nylon Nut	25	EA
0658	3/4" PVC Slip With Nylon Nut	25	EA
17651	3/4" PVC Slip With Metal Lock Nut	25	EA
16657	1" PVC Slip With Metal Lock Nut	25	EA
95535	3/4" Rubber Washer	1000	EA
17536	1" Rubber Washer	1000	EA
97252	3/4" Metal Lock Nut	1000	EA
97255	1" Metal Lock Nut	1000	EA

3/4" Rubber Elbow

- Allows quick connect & disconnect of drain lines
- Gear clamps recommended for installation



ITEM NO.	DESCRIPTION	STD QTY	U M
19810	3/4" Rubber Elbow	50	EA

Rubber Coupling w/ Clamps

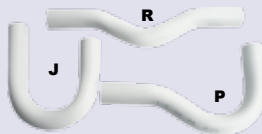
- Flexible coupling
- Used for non-pressure piping systems



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19996	3/4" Rubber Coupling	24	96	EA
19997	1" Rubber Coupling	24	96	EA
19998	2" Rubber Coupling	12	48	EA
19999	3" Rubber Coupling	12	48	EA

Condensate Traps

- Full-flow condensate traps
- Each trap is carefully sized, minimizing bothersome clogged trap service calls
- Manufactured to demanding standards



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
0356	3/4" Schedule 40 PVC P-Trap	50	3000	EA
0357	3/4" Schedule 40 PVC R-Trap	50	3000	EA
13655	3/4" Schedule 40 PVC J-Trap	50	3000	EA
16082	1" Schedule 40 PVC P-Trap	10	1000	EA
16349	1" Schedule 40 PVC R-Trap	10	1000	EA

Mechanics Gloves See Page 119



- Synthetic leather
- Reinforced palm
- Black spandex back
- Velcro closure



- Pig grain leather
- Thinsulate lining
- Reinforced palm
- Blue spandex back
- Velcro closure



- Synthetic leather
- Reinforced palm
- Hi-viz orange back
- TPR padding
- Velcro closure

STANDARDS & BASES
 EQUIPMENT
 CONDENSATE
 DRAIN PLUMBING
 & CHEMICALS
 SEALANTS
 LUBES
 VENTING
 ELECTRONICS &
 ELECTRICAL
 TOOLS
 MISCELLANEOUS
 INDEX

PVC Pipe

- Manufactured in 10' lengths
- Chemical resistance to acid & alkalies
- White in color
- SDR pipe conforms to ASTM D 2241
- Sch 40 pipe conforms to ASTM D 1785



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
6085	1/2" 315 PSI PVC Pipe	500	4000	FT
6106	3/4" 200 PSI PVC Pipe	500	4000	FT
6070	3/4" Schedule 40 400 PSI PVC Pipe	500	4000	FT
6107	1" 200 PSI PVC Pipe	500	3600	FT
16062	1" Schedule 40 PVC Pipe	100	3600	FT
6076	2-1/2" Sch 40 300 PSI PVC Pipe	100	1120	FT

DWV Pipe

- Manufactured in 10' lengths
- DWV pipe conforms to ASTM D 2665



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
6079	2" Sch 40 DWV PVC Pipe	100	1750	FT
6080	3" Sch 40 DWV PVC Pipe	100	1000	FT

Foam Core Pipe

- Manufactured in 10' lengths
- Plain ends



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
7179	2" DWV/Foam Core Pipe	200	1670	FT
7180	3" DWV/Foam Core Pipe	100	750	FT

CPVC Pipe

- Manufactured in 10' lengths
- Pipe rated 100# psi @ 180F ASTM D 2846
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
6065	1/2" CPVC pipe	100	1050	FT
16324	3/4" CPVC pipe	100	600	FT

Schedule 40 PVC Fittings - 90° Elbows S x S

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0314	[406-005] 90° Elbow, 1/2" S x S	50	400	EA
0344	[406-007] 90° Elbow, 3/4" S x S	50	200	EA
0364	[406-010] 90° Elbow, 1" S x S	50	300	EA
0402	[406-025] 90° Elbow, 2-1/2" S X S	10	40	EA

Schedule 40 PVC Fittings - 90° Street Elbows S x S

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0324	[409-005] 90° Street Elbow, 1/2" S x S	50	400	EA
0350	[409-007] 90° Street Elbow, 3/4" S x S	50	200	EA
0370	[409-010] 90° Street Elbow, 1" S x S	50	300	EA

Schedule 40 PVC Fittings - 90° Street Elbows S x FPT

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0317	[407-074] 90° Elbow, 1/2" S x 3/4" FPT	50	300	EA
0347	[407-007] 90° Elbow, 3/4" S x 3/4" FPT	50	200	EA
0367	[407-010] 90° Elbow, 1" S x 1" FPT	50	300	EA

Schedule 40 PVC Fittings - 90° Street Elbows S x MPT

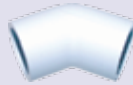
- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0351	[410-007] 90° St El 3/4" S x 3/4" MPT	50	200	EA
0371	[410-010] 90° St El, 1" S x 1" MPT	50	300	EA

Schedule 40 PVC Fittings - 45° Elbows S x S

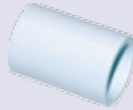
- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0316	[417-005] 45° Elbow, 1/2" S x S	50	400	EA
0346	[417-007] 45° Elbow, 3/4" S x S	50	200	EA
0366	[417-010] 45° Elbow, 1" S x S	50	300	EA
0401	[417-025] 45° Elbow, 2-1/2" S x S	10	40	EA

Schedule 40 PVC Fittings - Couplings S x S

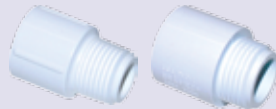
- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0310	[429-005] Coupling, 1/2" S x S	50	600	EA
0340	[429-007] Coupling, 3/4" S x S	50	400	EA
0360	[429-010] Coupling, 1" S x S	50	200	EA
0372	[429-020] Coupling, 2" S x S	25	100	EA
0400	[429-025] Coupling, 2-1/2" S x S	12	72	EA
0374	[429-030] Coupling, 3" S x S	10	40	EA

Schedule 40 PVC Fittings - Male Adapters S x MPT

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16267	[436-005] Adapter, 1/2" S x 1/2" MPT	50	600	EA
0312	[436-101] Adapter, 1/2" S x 3/4" MPT	50	600	EA
0342	[436-007] Adapter, 3/4" S x 3/4" MPT	50	400	EA
19101	[436-131] Adapter, 3/4" S x 1" MPT	50	400	EA
19102	[436-102] Adapter, 1" S x 3/4" MPT	50	300	EA
0362	[436-010] Adapter, 1" S x 1" MPT	50	200	EA
0355	Adapter, 3/4" S x 3/4" MGHT	25	600	EA

Schedule 40 PVC Fittings - Female Adapters S x FPT

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16266	[435-005] Adapter, 1/2" S x 1/2" FPT	50	600	EA
0311	[435-074] Adapter, 1/2" S x 3/4" FPT	100	600	EA
0318	[435-101] Adapter, 3/4" S x 1/2" FPT	50	400	EA
0341	[435-007] Adapter, 3/4" S x 3/4" FPT	50	400	EA
0361	[435-010] Adapter, 1" S x 1" FPT	50	200	EA

Schedule 40 PVC Fittings - Unions S x S

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16270	[497-005] 1/2" Slip Union	20	240	EA
16271	[497-007] 3/4" Slip Union	10	120	EA
16272	[497-001] 1" Slip Union	10	80	EA

Schedule 80 PVC Fittings - Unions S x S

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17722	[897-005] 1/2" Slip Union	10	120	EA
17723	[897-007] 3/4" Slip Union	20	120	EA

Schedule 40 PVC Fittings - Tees S x S x S

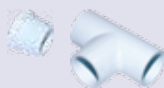
- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0319	[401-005] Tee, 1/2" S x S x S	50	300	EA
0349	[401-007] Tee, 3/4" S x S x S	50	300	EA
0369	[401-010] Tee, 1" S x S x S	50	200	EA
0403	[401-025] Tee, 2-1/2" S x S x S	10		EA

Schedule 40 PVC Fittings - Clean Out Tees

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0348	Clean Out Tee, 3/4" S x S x Clean Out	25	150	EA

Schedule 40 PVC Fittings - Slip Caps

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0315	[447-005] Cap, 1/2" Slip	100	1200	EA
0345	[447-007] Cap, 3/4" Slip	50	600	EA
0365	[447-010] Cap, 1" Slip	50	300	EA
0382	[447-015] Cap, 1-1/2" Slip	25	150	EA
0391	[447-020] Cap, 2"	10	80	EA
0404	[447-025] Cap, 2-1/2"	10	60	EA
0421	[447-030] Cap, 3"	10	40	EA

Schedule 40 PVC Fittings - Threaded Caps

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17720	[448-005] 1/2" Threaded Cap (FPT)	100	1200	EA
17721	[448-007] 3/4" Threaded Cap (FPT)	50	600	EA

Schedule 40 PVC Fittings - Plugs

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0354	[450-007] 3/4" Threaded Plug	100	1200	EA
0359	[449-007] 3/4" Slip Plug	50	600	EA

Schedule 40 PVC Fittings - Bushings

- NSF approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0352	[437-101] Bushing, 1/2" S x 3/4" S	50	60	EA
0313	[438-101] Bushing, 3/4" S X 1/2" FPT	100	800	EA
16268	[437-131] Bushing, 3/4" S x 1" S	50	400	EA
0425	[437-251] Bushing 1-1/2" S x 2" S	10	80	EA
0426	[437-292] Bushing 2" S x 2-1/2" S	10	60	EA
0427	[437-339] Bushing 2-1/2" S x 3" S	15	90	EA
0428	[437-338] Bushing 2" S x 3" S	10	40	EA

Schedule 40 PVC Fittings - Ball Valves

- Pressure rating @ 73°F, water: 150 PSI
- Maximum service temperature 140°F
- EPDM O-ring seal



ITEM NO.	DESCRIPTION	STD QTY	U M
0405	[8722-005] 1/2" PVC Ball Valve SxS	5	EA
0406	[8722-007] 3/4" PVC Ball Valve SxS	5	EA
0407	[8722-010] 1" PVC Ball Valve SxS	5	EA

DWV Fittings - 90° Elbows

- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	U M
0379	1-1/2" 90° Elbow	100	EA
0388	2" 90° Elbow	50	EA
0395	2" 90° Street Elbow	50	EA
0418	3" 90° Elbow	25	EA
0396	3" 90° Street Elbow	20	EA

DWV Fittings - 90° Long Turn Elbows

- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0380	1-1/2" 90° Long Turn Elbow	30	120	EA
0389	2" 90° Long Turn Elbow	15	60	EA
0398	2" 90° Street Long Turn Elbow	15	60	EA
0419	3" 90° Long Turn Elbow	10		EA
0397	3" 90° Long Turn Street Elbow	10		EA

DWV Fittings - 45° Elbows

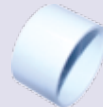
- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	U M
0378	1-1/2" 45° Elbow	100	EA
0387	2" 45° Elbow	50	EA
0393	2" 45° Street Elbow	50	EA
0417	3" 45° Elbow	25	EA
0394	3" 45° Street Elbow	25	EA

DWV Fittings - Couplings

- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0376	1-1/2" Coupling	100	400	EA
0377	1-1/2" Repair Coupling	100	400	EA
0385	2" Coupling	100		EA
0386	2" Repair Coupling	30	120	EA
0415	3" Coupling	60		EA
0416	3" Repair Coupling	10	60	EA

DWV Fittings - Reducing Couplings

- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0384	2" x 1-1/2" Reducing Coupling	25	100	EA
0414	3" x 2" Reducing Coupling	20	80	EA

DWV Fittings - Tees

- NSF
- ASTM D2665



ITEM NO.	DESCRIPTION	STD QTY	U M
0381	1-1/2" Tee DWV PVC	60	EA
0390	2" Tee DWV PVC	35	EA
0420	3" Tee DWV PVC	15	EA

CPVC Fittings - 90° Elbows S x S

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0444	1/2" CPVC 90° Elbow S x S	100	1000	EA
16328	3/4" CPVC 90° Elbow S x S	50	500	EA

CPVC Fittings - 90° Street Elbows S x S

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0450	1/2" CPVC Street Elbow S x S	100	500	EA
16331	3/4" CPVC Street Elbow S x S	50	250	EA

CPVC Fittings - 45° Elbows S x S

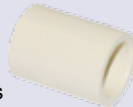
- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0446	1/2" CPVC 45° Elbow S x S	100	500	EA
16329	3/4" CPVC 45° Elbow S x S	50	250	EA

CPVC Fittings - Couplings S x S

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0440	1/2" CPVC Coupling S x S	100	1000	EA
16325	3/4" CPVC Coupling S x S	50	500	EA

CPVC Fittings - Male Adapters S x MPT

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0442	1/2" CPVC Male Adapter S x MPT	100	100	EA
16327	3/4" CPVC Male Adapter S x MPT	50	500	EA

CPVC Fittings - Female Adapters S x FPT

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13886	1/2" CPVC Female Adapter S x FPT	100	500	EA
16326	3/4" CPVC Female Adapter S x FPT	50	250	EA

CPVC Fittings - Tee S x S x S

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0449	1/2" CPVC Tee S x S x S	100	500	EA
16330	3/4" CPVC Tee S x S x S	50	250	EA

CPVC Bushing - Tee S x S x S

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16332	3/4" x 1/2" CPVC Bushing	25	500	EA

CPVC Fittings - Cap

- Hot & cold water pressure lines
- NSF Standard 61 certified for drinking water
- ASTM E 84 Tested water-filled pipe & fittings for return air plenums – Meets 25/50 flame & smoke limits



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16333	3/4" CPVC Cap	50	250	EA

Oatey® Regular Pipe Cement

- Free flowing regular-bodied clear cement
- Recommended use: PVC pipe up to 3" dia.
- Apply at temperatures 40°F to 90°F
- Exceeds ASTM D-2564, NSF & UPC approved
- For use on Sch. 40 & 80 gas, conduit, DWV pipe & potable water pressure pipe
- Gold label



ITEM NO.	DESCRIPTION	STD QTY	U M
0321	[31012] 4 oz. Regular Pipe Cement	24	EA
0329	[31013] 8 oz. Regular Pipe Cement	24	EA
0322	[31014] 16 oz. Regular Pipe Cement	24	EA
13069	[31015] 32 oz. Regular Pipe Cement	12	EA

Arrow Regular Pipe Cement

- Clear regular bodied, fast setting, high strength cement
- For PVC pipe & fittings thru 4" diameter
- ASTM D 2564 to insure a quality product
- NSF & UPC listed
- Gold label



ITEM NO.	DESCRIPTION	STD QTY	U M
20500	[1104RB-4] 4 oz. Pipe Cement	24	EA
20501	[1104RB-2] 8 oz. Pipe Cement	24	EA
20502	[1104RB-P] 16 oz. Pipe Cement	12	EA

Oatey® Heavy Duty Pipe Cement

- Free flowing heavy-bodied clear cement
- Fills gaps in loose joints
- Apply at temperatures 40°F to 90°F
- Exceeds ASTM D-2564 & is NSF & UPC approved
- For Sch. 40 & 80 gas, conduit drain waste, potable water pressure & vent pipe
- Green label



ITEM NO.	DESCRIPTION	STD QTY	U M
13064	[30850] 4 oz. Heavy Duty Pipe Cement	24	EA
0330	[30863] 8 oz. Heavy Duty Pipe Cement	24	EA
13065	[30876] 16 oz. Heavy Duty Pipe Cement	24	EA
13066	[31008] 32 oz. Heavy Duty Pipe Cement	12	EA

Arrow Heavy Duty Pipe Cement

- Clear heavy bodied, fast setting, high strength cement
- For PVC pipe & fittings up to 12" diameter
- ASTM D 2564 to insure a quality product
- NSF & UPC listed
- Green label



ITEM NO.	DESCRIPTION	STD QTY	U M
20508	[1104HB-4] 4 oz. Pipe Cement	24	EA
20509	[1104HB-2] 8 oz. Pipe Cement	24	EA
20510	[1104HB-P] 16 oz. Pipe Cement	12	EA

Oatey® All Purpose Pipe Cement

- Free flowing heavy-bodied clear cement
- Apply at temperatures 40°F to 90°F
- Exceeds ASTM D-2564, D-2846, D-2235, F-493
- For all pipe schedules, gas, conduit drain waste, potable water pressure & vent pipe
- Red label



ITEM NO.	DESCRIPTION	STD QTY	U M
13060	[30818] 4 oz. All Purpose Pipe Cement	24	EA
13061	[30821] 8 oz. All Purpose Pipe Cement	24	EA
13062	[30834] 16 oz. All Purpose Pipe Cement	24	EA
13063	[30847] 32 oz. All Purpose Pipe Cement	12	EA

Arrow Universal Pipe Cement

- Clear medium bodied, fast setting, high strength cement
- Joins PVC, CPVC or ABS pipe & fittings thru 6" diameter
- ASTM D 2564 to insure a quality product
- Red label



ITEM NO.	DESCRIPTION	STD QTY	U M
20516	[1108-4] 4 oz. Pipe Cement	24	EA
20517	[1108-2] 8 oz. Pipe Cement	24	EA
20518	[1108-P] 16 oz. Pipe Cement	12	EA

Oatey® All Weather Pipe Cement

- A medium-bodied clear cement
- Formulated for fast set-up at temperatures to 10°F
- Apply at temperatures 10°F to 100°F
- For PVC pipe & fittings up to 6" in diameter
- Dark green label



ITEM NO.	DESCRIPTION	STD QTY	U M
14069	[31132] 16 oz. All Weather Pipe Cement	24	EA
17680	[31133] 32 oz. All Weather Pipe Cement	12	EA

STANDARDS & BASES
EQUIPMENT
DRAIN PLUMBING & CHEMICALS
CONDENSATE
SEALANTS LUBES VENTING
ELECTRONICS &
ELECTRICAL
TOOLS
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Arrow Weather-All Pipe Cement

- Clear medium bodied, fast setting, high strength cement
- Remains fluid & usable to -10°F
- For joining plastic pipe & fittings thru 6" diameter
- ASTM D 2564 to insure a quality product
- NSF & UPC listed
- Blue label



ITEM NO.	DESCRIPTION	STD QTY	U M
20520	[1128-4] 4 oz. Pipe Cement	24	EA
20521	[1128-2] 8 oz. Pipe Cement	24	EA
20522	[1128-P] 16 oz. Pipe Cement	12	EA

Oatey® Rain-R-Shine Pipe Cement

- A medium-bodied blue colored cement
- Very fast setting, formulated for wet conditions
- Apply at temperatures 40° F to 100° F
- Flows freely
- For PVC pipe & fittings up to 6" in diameter
- Light blue label



ITEM NO.	DESCRIPTION	STD QTY	U M
14067	[30890] 4 oz. Rain-R-Shine Pipe Cement	24	EA
14068	[30891] 8 oz. Rain-R-Shine Pipe Cement	24	EA
17630	[30893] 16 oz. Rain-R-Shine Pipe Cement	24	EA

Arrow Pool & Turf Pipe Cement

- Blue medium bodied, fast setting, high strength cement
- For wet conditions or when quick pressurization is needed
- For joining plastic pipe & fittings thru 6" diameter
- ASTM D 2564 to insure a quality product
- NSF & UPC listed
- Light blue label



ITEM NO.	DESCRIPTION	STD QTY	U M
20524	[1132-4] 4 oz. Pipe Cement	24	EA
20525	[1132-2] 8 oz. Pipe Cement	24	EA
20526	[1132-P] 16 oz. Pipe Cement	12	EA

Oatey® All Purpose Cleaner

- A free flowing clear cleaner
- Apply at temperatures 40° F to 90° F
- Recommended for use on PVC, ABS & CPVC
- Cleaner removes surface dirt, grease & grime
- Yellow label



ITEM NO.	DESCRIPTION	STD QTY	U M
13067	[30782] 8 oz. All Purpose Pipe Cleaner	24	EA
0323	[30795] 16 oz. All Purpose Pipe Cleaner	24	EA
13068	[30805] 32 oz. All Purpose Pipe Cleaner	12	EA

Arrow Pipe Cleaner

- Clear
- For use on PVC, CPVC & ABS pipe and fittings
- Yellow label



ITEM NO.	DESCRIPTION	STD QTY	U M
20504	[901-4] 4 oz. Pipe Cleaner	24	EA
20505	[901-2] 8 oz. Pipe Cleaner	24	EA
20506	[901-P] 16 oz. Pipe Cleaner	12	EA

Oatey® Purple Primer-Cleaner

- Free flowing purple tinted all purpose primer
- Purple tint shows that a primer was used
- Removes surface dirt, grease & grime
- Apply at temperatures 40° F to 100° F
- Purple label



ITEM NO.	DESCRIPTION	STD QTY	U M
0332	[30780] 4 oz. Purple Primer-Cleaner	24	EA
0333	[30783] 8 oz. Purple Primer-Cleaner	24	EA
0334	[30796] 16 oz. Purple Primer-Cleaner	24	EA

Arrow Purple Primer-Cleaner

- Purple
- For priming PVC & CPVC pipe and fittings
- Purple label



ITEM NO.	DESCRIPTION	STD QTY	U M
20512	[921-4] 4 oz. Purple Primer-Cleaner	24	EA
20513	[921-2] 8 oz. Purple Primer-Cleaner	24	EA
20514	[921-P] 16 oz. Purple Primer-Cleaner	12	EA

Oatey® Clear Primer

- NSF listed
- Exceeds ASTM F-656
- Softens pipe surface to allow a permanent solvent weld
- Use on all PVC & CPVC pipe & fittings
- Tan label



ITEM NO.	DESCRIPTION	STD QTY	U M
17890	[30751] 8 oz. Clear Pipe Primer	24	EA
17891	[30752] 16 oz. Clear Pipe Primer	24	EA

LA-CO® T-O-T® Pipe Thread Compound

- Pressures: 350 PSI (24 BAR) gas; 500 PSI (34 BAR) liquid
- Sealing temperature: up to 350°F (177°C)
- No-drip formula for fast application on metal threads
- Lead-free, non-toxic, no V.O.C.'s
- DO NOT USE ON OXYGEN SERVICE



ITEM NO.	DESCRIPTION	STD QTY	U M
17263	[12219] 8 oz. Pipe Compound (B-I-C)	24	EA

Oatey® Gray Pipe Joint Compound

- Soft-setting compound does not harden
- Use on water, air and steam pipe lines
- Not for use on plastic threads
- Gas pressure to 3,000 PSI at -20° F to 400° F
- Liquid pressure to 10,000 PSI at -20° F to 500° F



ITEM NO.	DESCRIPTION	STD QTY	U M
17895	[31228] 8 oz. Pipe Joint Compound	12	EA

LA-CO® Slic-Tite® Paste With PTFE

- Contains PTFE for greater sealing power
- Pressures: 3,000 PSI (204 BAR) gas; 10,000 PSI (680 BAR) liquid
- Sealing temperature: -50°F to 500°F (-46°C to 260°C)
- Can be used on a variety of metals and plastic
- Can be used with Natural Gas
- DO NOT USE ON OXYGEN SERVICE



ITEM NO.	DESCRIPTION	STD QTY	U M
17268	[42002] 1.5 oz. Slic-Tite Paste (Display)	24	EA
16143	[42009] 4 oz. Slic-Tite Paste (B-I-C)	24	EA
16144	[42019] Slic-Tite Paste 1/2 pt (B-I-C)	24	EA

Oatey® Pipe Joint Compound With PTFE

- Lubricates & seals all threaded joints
- White, non-hardening, non-separating, non-toxic paste
- Withstands up to 3,000 PSI on gases from -50° to +400°F
- Withstands 10,000 PSI on liquids from -50° to +500°F
- Use with water, steam, caustics or dilute acid lines of PVC, CPVC, ABS, cycolac, polypropylene, iron, steel or copper



ITEM NO.	DESCRIPTION	STD QTY	U M
17897	[31230] 4 oz. Joint Compound w/ PTFE	12	EA
17898	[31231] 8 oz. Joint Compound w/ PTFE	12	EA

LA-CO® Plasto-Joint Stik®

- Pressures: 300 PSI (20 BAR) gas; 500 PSI (34 BAR) liquid
- Sealing temperature: up to 250°F (121°C)
- DO NOT USE ON OXYGEN SERVICE
- For use on/with ABS, PVC, and CPVC
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
16152	[11775] 1-1/4 oz. Plasto Joint Stik	144	EA

Thum-Gum™

Sealing Compound

Non-hardening putty for larger sealing jobs

For plugging openings through foundations

For plugging refrigeration tube entry

See Page 41

STANDARDS & BASES
 EQUIPMENT
 DRAIN PLUMBING & CHEMICALS
 CONDENSATE
 SEALANTS LUBES VENTING
 ELECTRONICS & ELECTRICAL
 TOOLS
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Copper Fittings - 90° Elbows C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10267	[W02701] 90° Elbow - 5/16"OD 3/16"ID	25	EA
10100	[W02009] 90° Elbow - 3/8"OD 1/4"ID	25	EA
10101	[W02017] 90° Elbow - 1/2"OD 3/8"ID	25	EA
10102	[W02022] 90° Elbow - 5/8"OD 1/2"ID	25	EA
10103	[W02028] 90° Elbow - 3/4"OD 5/8"ID	25	EA
10104	[W02034] 90° Elbow - 7/8"OD 3/4"ID	25	EA
10105	[W02047] 90° Elbow - 1-1/8"OD 1"ID	10	EA
10106	[W02084] 90° Elbow - 1-3/8"OD 1 1/4"ID	10	EA
10107	[W02085] 90° Elbow - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - 90° Street Elbows C x FTG

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10109	[W02312] 90° St EI - 3/8"OD 1/4"ID	25	EA
10110	[W02321] 90° St EI - 1/2"OD 3/8"ID	25	EA
10111	[W02326] 90° St EI - 5/8"OD 1/2"ID	25	EA
10112	[W02330] 90° St EI - 3/4"OD 5/8"ID	25	EA
10113	[W02334] 90° St EI - 7/8"OD 3/4"ID	25	EA
10114	[W02344] 90° St EI - 1-1/8"OD 1"ID	10	EA
10115	[W02384] 90° St EI - 1-3/8"OD 1-1/4"ID	10	EA
10116	[W02385] 90° St EI - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - 90° Long Elbows C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10118	[W02715] 90° LT EI - 1/4"OD 1/8"ID	25	EA
10262	[W02710] 90° LT EI - 5/16"OD 3/16"ID	25	EA
10119	[W02716] 90° LT EI - 3/8"OD 1/4"ID	25	EA
10120	[W02717] 90° LT EI - 1/2"OD 3/8"ID	25	EA
10121	[W02722] 90° LT EI - 5/8"OD 1/2"ID	25	EA
10122	[W02728] 90° LT EI - 3/4"OD 5/8"ID	20	EA
10123	[W02734] 90° LT EI - 7/8"OD 3/4"ID	10	EA
10124	[W02747] 90° LT EI - 1-1/8"OD 1"ID	10	EA
10125	[W02055] 90° LT EI - 1-3/8"OD 1-1/4"ID	10	EA
10126	[W02063] 90° LT EI - 1-5/8"OD 1-1/2"ID	5	EA

Copper Fittings - 90° Long Street Elbows C X FTG

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10128	[W02809] 90° LT St EI - 3/8"OD 1/4"ID	25	EA
10129	[W02817] 90° LT St EI - 1/2"OD 3/8"ID	25	EA
10130	[W02822] 90° LT St EI - 5/8"OD 1/2"ID	25	EA
10131	[W02828] 90° LT St EI - 3/4"OD 5/8"ID	25	EA
10132	[W02834] 90° LT St EI - 7/8"OD 3/4"ID	25	EA
10133	[W02847] 90° LT St EI - 1-1/8"OD 1"ID	10	EA
10134	[W02350] 90° LT St EI - 1-3/8"OD 1-1/4"ID	5	EA
10135	[W02359] 90° LT St EI - 1-5/8"OD 1-1/2"ID	5	EA

Copper Fittings - 45° Elbows C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10268	45° Elbow - 5/16"OD 3/16"ID	25	EA
10136	[W03012] 45° Elbow - 3/8"OD 1/4"ID	25	EA
10137	[W03021] 45° Elbow - 1/2"OD 3/8"ID	25	EA
10138	[W03026] 45° Elbow - 5/8"OD 1/2"ID	25	EA
10139	[W03030] 45° Elbow - 3/4"OD 5/8"ID	25	EA
10140	[W03034] 45° Elbow - 7/8"OD 3/4"ID	25	EA
10141	[W03044] 45° Elbow - 1-1/8"OD 1"ID	10	EA
10142	[W03050] 45° Elbow - 1-3/8"OD 1-1/4"ID	10	EA
10143	[W03055] 45° Elbow - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - 45° Street Elbows C x FTG

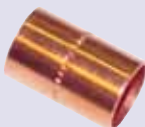
- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10145	[W03312] 45° St EI - 3/8"OD 1/4"ID	25	EA
10146	[W03321] 45° St EI - 1/2"OD 3/8"ID	25	EA
10147	[W03326] 45° St EI - 5/8"OD 1/2"ID	25	EA
10148	[W03330] 45° St EI - 3/4"OD 5/8"ID	25	EA
10149	[W03334] 45° St EI - 7/8"OD 3/4"ID	25	EA
10150	[W03344] 45° St EI - 1-1/8"OD 1"ID	10	EA
10151	[W03350] 45° St EI - 1-3/8"OD 1-1/4"ID	10	EA
10152	[W03355] 45° St EI - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - Couplings C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10269	[W01003] Coupling - 1/4"OD 1/8"ID	50	EA
10261	[W01042] Coupling - 5/16"OD 3/16"ID	25	EA
10154	[W01009] Coupling - 3/8"OD 1/4"ID	25	EA
10155	[W01017] Coupling - 1/2"OD 3/8"ID	25	EA
10156	[W01022] Coupling - 5/8"OD 1/2"ID	25	EA
10157	[W01028] Coupling - 3/4"OD 5/8"ID	25	EA
10158	[W01034] Coupling - 7/8"OD 3/4"ID	25	EA
10159	[W01047] Coupling - 1-1/8"OD 1"ID	10	EA
10160	[W01055] Coupling - 1-3/8"OD 1-1/4"ID	10	EA
10161	[W01063] Coupling - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - Reducing Couplings C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10163	[W01011] Rd C - 3/8x1/4"OD 1/4x1/8"ID	25	EA
10270	[W01010] Rd C - 3/8x5/16"OD 1/4x3/16"ID	25	EA
10164	[W01019] Rd C - 1/2x3/8"OD 3/8x1/4"ID	25	EA
10165	[W01023] Rd C - 5/8x1/2"OD 1/2x3/8"ID	25	EA
10166	[W01025] Rd C - 5/8x3/8"OD 1/2x1/4"ID	25	EA
10167	[W01029] Rd C - 3/4x5/8"OD 5/8x1/2"ID	25	EA
10168	[W01030] Rd C - 3/4x1/2"OD 5/8x3/8"ID	25	EA
10169	[W01035] Rd C - 7/8x3/4"OD 3/4x5/8"ID	25	EA
10170	[W01036] Rd C - 7/8x5/8"OD 3/4x1/2"ID	25	EA
10171	[W01049] Rd C - 1-1/8x7/8"OD 1x3/4"ID	10	EA
10172	[W01050] Rd C - 1-1/8x3/4"OD 1x5/8"ID	10	EA
10173	[W01056] Rd C - 1-3/8x1-1/8"OD 1-1/4x1"ID	10	EA
10175	[W01065] Rd C - 1-5/8x1-1/8"OD 1-1/2x1"ID	10	EA
10174	[W01054] Rd C - 1-5/8x1-3/8"OD 1-1/2x1-1/4"ID	10	EA

Copper Fittings - Fitting Reducers C x FTG

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10177	[W01306] F Rd - 3/8x1/4"OD 1/4x1/8"ID	25	EA
10178	[W01312] F Rd - 1/2x3/8"OD 3/8x1/4"ID	25	EA
10179	[W01314] F Rd - 1/2x1/4"OD 3/8x1/8"ID	25	EA
10180	[W01315] F Rd - 5/8x1/2"OD 1/2x3/8"ID	25	EA
10181	[W01317] F Rd - 5/8x3/8"OD 1/2x1/4"ID	25	EA
10271	[W01320] F Rd - 3/4x5/8"OD 5/8x1/2"ID	25	EA
10182	[W01325] F Rd - 7/8x3/4"OD 3/4x5/8"ID	25	EA
10183	[W01326] F Rd - 7/8x5/8"OD 3/4x1/2"ID	25	EA
10184	[W01337] F Rd - 1-1/8x7/8"OD 1x3/4"ID	10	EA
10185	[W01338] F Rd - 1-1/8x3/4"OD 1x5/8"ID	10	EA
10186	[W01339] F Rd - 1-1/8x5/8"OD 1x1/2"ID	10	EA
10187	[W01340] F Rd - 1-1/8x1/2"OD 1x3/8"ID	10	EA

Copper Fittings - Male Adapters C x MPT

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10198	[W01116] M Ad - 3/8ODx1/8" 1/4IDx1/8"	25	EA
10199	[W01125] M Ad - 1/2ODx3/8" 3/8IDx3/8"	25	EA
10200	[W01131] M Ad - 5/8ODx1/2" 1/2IDx1/2"	25	EA
10201	[W01130] M Ad - 5/8ODx3/4" 1/2IDx3/4"	25	EA
10202	[W01132] M Ad - 5/8ODx3/8" 1/2IDx3/8"	25	EA
10203	[W01146] M Ad - 7/8ODx3/4" 3/4IDx3/4"	25	EA
10204	[W01163] M Ad - 1-1/8ODx1" 1IDx1"	10	EA
10205	[W01164] M Ad - 1-1/8ODx3/4" 1IDx3/4"	10	EA

Copper Fittings - Female Adapters C x FPT

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10210	[W01225] F Ad - 1/2ODx3/8" 3/8IDx3/8"	25	EA
10211	[W01231] F Ad - 5/8ODx1/2" 1/2IDx1/2"	25	EA
10212	[W01230] F Ad - 5/8ODx3/4" 1/2IDx3/4"	10	EA
10213	[W01232] F Ad - 5/8ODx3/8" 1/2IDx3/8"	25	EA
10214	[W01233] F Ad - 5/8ODx1/4" 1/2IDx1/4"	25	EA
10215	[W01246] F Ad - 7/8ODx3/4" 3/4IDx3/4"	25	EA
10216	[W01247] F Ad - 7/8ODx1/2" 3/4IDx1/2"	25	EA
10217	[W01263] F Ad - 1-1/8ODx1" 1IDx1"	10	EA
10218	[W01264] F Ad - 1-1/8ODx3/4" 1IDx 3/4"	10	EA

Copper Fittings - Caps

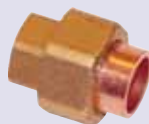
- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10222	[W07004] Cap - 3/8"OD 1/4"ID	25	EA
10223	[W07006] Cap - 1/2"OD 3/8"ID	25	EA
10224	[W07007] Cap - 5/8"OD 1/2"ID	25	EA
10225	[W07008] Cap - 3/4"OD 5/8"ID	25	EA
10226	[W07009] Cap - 7/8"OD 3/4"ID	25	EA
10227	[W07011] Cap - 1-1/8"OD 1"ID	25	EA

Copper Fittings - Unions C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10231	[W08002] Union - 1/2"OD 3/8"ID	25	EA
10232	[W08003] Union - 5/8"OD 1/2"ID	25	EA
10233	[W08004] Union - 7/8"OD 3/4"ID	25	EA
10234	[W08005] Union - 1-1/8"OD 1"ID	10	EA

Copper Fittings - Tees C x C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10272	Tee - 1/4"OD 1/8"ID	25	EA
10235	[W04000] Tee - 3/8"OD 1/4"ID	25	EA
10236	[W04001] Tee - 1/2"OD 3/8"ID	25	EA
10237	[W04006] Tee - 5/8"OD 1/2"ID	50	EA
10238	[W04017] Tee - 3/4"OD 5/8"ID	25	EA
10239	[W04031] Tee - 7/8"OD 3/4"ID	20	EA
10240	[W04048] Tee - 1-1/8"OD 1"ID	10	EA
10241	[W04068] Tee - 1-3/8"OD 1-1/4"ID	5	EA
10242	[W04084] Tee - 1-5/8"OD 1-1/2"ID	10	EA

Copper Fittings - Reducing Tees C x C x C

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10244	[W04007] 5/8x5/8x1/2"OD 1/2x1/2x3/8"ID	25	EA
10245	[W04033] 7/8x7/8x5/8"OD 3/4x3/4x1/2"ID	10	EA
10246	[W04041] 7/8x5/8x7/8"OD 3/4x1/2x3/4"ID	10	EA
10247	[W04055] 1-1/8x1-1/8x7/8"OD 1x1x3/4"ID	10	EA
10248	[W04061] 1-1/8x1-1/8x5/8"OD 1x1x1/2"ID	10	EA

Copper Fittings - 2 Hole Straps



ITEM NO.	DESCRIPTION	STD QTY	U M
10255	[A02529] 2 Hole Strap - 5/8"OD 1/2"ID	25	EA
10256	[A02574] 2 Hole Strap - 7/8"OD 3/4"ID	25	EA
10257	[A02614] 2 Hole Strap - 1-1/8"OD 1"ID	10	EA
10258	[A02650] 2 Hole Strap - 1-3/8"OD 1-1/4"ID	10	EA
10259	[A02675] 2 Hole Strap - 1-5/8"OD 1-1/2"ID	25	EA

Copper Fittings - P-Traps

- Lead Free
- Universal acceptance



ITEM NO.	DESCRIPTION	STD QTY	U M
10263	[W60999] P-Trap - 5/8"OD 1/2"ID	10	EA
10264	[W61008] P-Trap - 3/4"OD 5/8"ID	5	EA
10265	[W61000] P-Trap - 7/8"OD 3/4"ID	5	EA
10266	[W61001] P-Trap - 1-1/8"OD 1"ID	1	EA

STANDARDS & BASES
EQUIPMENT
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DRAIN PLUMBING
& CHEMICALS
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Black Steel Welded Nipple Packs

- Nipple packs have 6 of each length (close through 6" long)



ITEM NO.	DESCRIPTION	STD QTY	U M
17503	66 Piece 1/2" Black Nipple Pack	1	PK
17506	66 Piece 3/4" Black Nipple Pack	1	PK
17507	60 Piece 1" Black Nipple Pack	1	PK

1/2" Black Steel Welded Nipples



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17313	1/2" x CL Black Welded Nipple	50	600	EA
17314	1/2" x 1-1/2" Black Welded Nipple	50	600	EA
17316	1/2" x 2" Black Welded Nipple	25	600	EA
17317	1/2" x 2-1/2" Black Welded Nipple	25	400	EA
17318	1/2" x 3" Black Welded Nipple	25	400	EA
17319	1/2" x 3-1/2" Black Welded Nipple	25	300	EA
17321	1/2" x 4" Black Welded Nipple	25	300	EA
17322	1/2" x 4-1/2" Black Welded Nipple	25	200	EA
17323	1/2" x 5" Black Welded Nipple	25	200	EA
17324	1/2" x 5-1/2" Black Welded Nipple	25	200	EA
17326	1/2" x 6" Black Welded Nipple	25	200	EA
17327	1/2" x 7" Black Welded Nipple	25	100	EA
17328	1/2" x 8" Black Welded Nipple	25	100	EA
17329	1/2" x 9" Black Welded Nipple	25	100	EA
17331	1/2" x 10" Black Welded Nipple	25	75	EA
17332	1/2" x 11" Black Welded Nipple	25	75	EA
17333	1/2" x 12" Black Welded Nipple	25	75	EA

3/4" Black Steel Welded Nipples



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17334	3/4" x CL Black Welded Nipple	25	400	EA
17335	3/4" x 1-1/2" Black Welded Nipple	25	400	EA
17336	3/4" x 2" Black Welded Nipple	25	300	EA
17337	3/4" x 2-1/2" Black Welded Nipple	25	300	EA
17338	3/4" x 3" Black Welded Nipple	25	200	EA
17339	3/4" x 3-1/2" Black Welded Nipple	25	200	EA
17340	3/4" x 4" Black Welded Nipple	25	150	EA
17344	3/4" x 4-1/2" Black Welded Nipple	25	150	EA
17345	3/4" x 5" Black Welded Nipple	25	100	EA
17346	3/4" x 5-1/2" Black Welded Nipple	25	100	EA
17347	3/4" x 6" Black Welded Nipple	25	100	EA
17348	3/4" x 7" Black Welded Nipple	25	75	EA
17349	3/4" x 8" Black Welded Nipple	25	75	EA
17350	3/4" x 9" Black Welded Nipple	25	75	EA
17351	3/4" x 10" Black Welded Nipple	25	50	EA
17352	3/4" x 11" Black Welded Nipple	25	50	EA
17353	3/4" x 12" Black Welded Nipple	25	50	EA

1" Black Steel Welded Nipples



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17354	1" x CL Black Welded Nipple	25	300	EA
17355	1" x 2" Black Welded Nipple	25	200	EA
17356	1" x 2-1/2" Black Welded Nipple	25	200	EA
17357	1" x 3" Black Welded Nipple	25	150	EA
17358	1" x 3-1/2" Black Welded Nipple	25	150	EA
17359	1" x 4" Black Welded Nipple	25	100	EA
17360	1" x 4-1/2" Black Welded Nipple	25	100	EA
17361	1" x 5" Black Welded Nipple	25	100	EA
17362	1" x 5-1/2" Black Welded Nipple	25	75	EA
17363	1" x 6" Black Welded Nipple	25	75	EA
17364	1" x 7" Black Welded Nipple	25	50	EA
17365	1" x 8" Black Welded Nipple	25	50	EA
17366	1" x 9" Black Welded Nipple	25	50	EA
17367	1" x 10" Black Welded Nipple	25	50	EA
17368	1" x 11" Black Welded Nipple	25	50	EA
17369	1" x 12" Black Welded Nipple	25	50	EA

Combo Nipple Box (1/2" & 3/4")

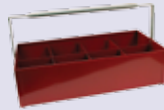
- Holds 42 — 1/2" close through 6" nipples
- Holds 30 — 3/4" close through 6" nipples
- Enameled steel
- Fold away handle



ITEM NO.	DESCRIPTION	STD QTY	U M
18868	Combo Nipple Box	1	EA

Fitting Tote Tray

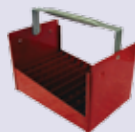
- 8 compartments
- 20" x 10" x 5"
- 18 gauge enameled steel
- Fold away handle



ITEM NO.	DESCRIPTION	STD QTY	U M
18867	Fitting Tote Tray	1	EA

Nipple Boxes

- Holds 1/2" close through 6" nipples
- Fold away handle
- Enameled steel



ITEM NO.	DESCRIPTION	STD QTY	U M
18861	1/2" Nipple Box (77 Nipples)	1	EA
18862	3/4" Nipple Box (66 Nipples)	1	EA
18863	1" Nipple Box (50 Nipples)	1	EA

Malleable Black Iron Pipe Fittings - 90° Elbows



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17288	1/2" 90° Elbow	50	200	EA
17289	3/4" 90° Elbow	35	105	EA
17290	1" 90° Elbow	20	60	EA

Malleable Black Iron Pipe Fittings - 90° Street Elbows



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17294	1/2" 90° Street Elbow	45	180	EA
17295	3/4" 90° Street Elbow	35	105	EA
17296	1" 90° Street Elbow	30	90	EA

STANDARDS & BASES
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SEALANTS LUBES VENTING
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Malleable Black Iron Pipe Fittings - 45° Elbows



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17291	1/2" 45° Elbow	50	200	EA
17292	3/4" 45° Elbow	40	120	EA
17293	1" 45° Elbow	20	60	EA

Malleable Black Iron Pipe Fittings - Couplings



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17282	1/2" Coupling	60	240	EA
17283	3/4" Coupling	50	150	EA
17284	1" Coupling	25	100	EA

Malleable Black Iron Pipe Fittings - Reducing Couplings



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17708	1/2" x 1/4" Reducing Coupling	50	300	EA
17709	3/4" x 1/4" Reducing Coupling	45	180	EA
17285	3/4" x 1/2" Reducing Coupling	60	180	EA
17710	1" x 1/4" Reducing Coupling	45	135	EA
17286	1" x 1/2" Reducing Coupling	30	120	EA
17287	1" x 3/4" Reducing Coupling	25	100	EA

Malleable Black Iron Pipe Fittings - Unions



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17279	1/2" Union	50	100	EA
17280	3/4" Union	35	70	EA
17281	1" Union	20	40	EA

Malleable Black Iron Pipe Fittings - Tees



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17297	1/2" Tee	40	120	EA
17298	3/4" Tee	35	70	EA
17299	1" Tee	20	40	EA

Malleable Black Iron Pipe Fittings - Reducing Tees



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17300	3/4" x 1/2" x 1/2" Reducing Tee	50	200	EA
17301	3/4" x 3/4" x 1/2" Reducing Tee	20	180	EA

Malleable Black Iron Pipe Fittings - Bushings



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17302	1/2" x 3/8" Hex Bushing	100	600	EA
17303	3/4" x 1/2" Hex Bushing	75	300	EA
17304	1" x 1/2" Hex Bushing	50	200	EA
17305	1" x 3/4" Hex Bushing	50	200	EA

Malleable Black Iron Pipe Fittings - Caps



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17306	1/2" Cap	75	300	EA
17307	3/4" Cap	40	160	EA
17308	1" Cap	25	100	EA

Malleable Black Iron Pipe Fittings - Plugs



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17309	1/2" Plug	50	600	EA
17311	3/4" Plug	30	360	EA
17312	1" Plug	40	240	EA

1/2" Black Steel Ready Cut Pipe



ITEM NO.	DESCRIPTION	STD QTY	U M
17510	1/2" x 18" Ready Cut Black Pipe	5	EA
17511	1/2" x 24" Ready Cut Black Pipe	5	EA
17514	1/2" x 30" Ready Cut Black Pipe	5	EA
17515	1/2" x 36" Ready Cut Black Pipe	5	EA
17518	1/2" x 48" Ready Cut Black Pipe	5	EA
17519	1/2" x 60" Ready Cut Black Pipe	5	EA
17522	1/2" x 72" Ready Cut Black Pipe	5	EA

3/4" Black Steel Ready Cut Pipe



ITEM NO.	DESCRIPTION	STD QTY	U M
17523	3/4" x 18" Ready Cut Black Pipe	5	EA
17526	3/4" x 24" Ready Cut Black Pipe	5	EA
17527	3/4" x 30" Ready Cut Black Pipe	5	EA
17530	3/4" x 36" Ready Cut Black Pipe	5	EA
17531	3/4" x 48" Ready Cut Black Pipe	5	EA
17532	3/4" x 60" Ready Cut Black Pipe	5	EA
17533	3/4" x 72" Ready Cut Black Pipe	5	EA

1" Black Steel Ready Cut Pipe



ITEM NO.	DESCRIPTION	STD QTY	U M
17547	1" x 18" Ready Cut Black Pipe	5	EA
17548	1" x 24" Ready Cut Black Pipe	5	EA
17549	1" x 30" Ready Cut Black Pipe	5	EA
17550	1" x 36" Ready Cut Black Pipe	5	EA
17551	1" x 48" Ready Cut Black Pipe	3	EA
17552	1" x 60" Ready Cut Black Pipe	3	EA
17553	1" x 72" Ready Cut Black Pipe	3	EA

STANDARDS & BASES
EQUIPMENT
CONDENSATE
DRAIN PLUMBING & CHEMICALS
SEALANTS LUBES VENTING
ELECTRONICS & ELECTRICAL
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1/2" OD Coated Stainless Steel Flexible Gas Connectors

- Yellow epoxy coated stainless steel
- Rated pressure: 0.5 PSI
- Rated operating temperature: -40°F to 150°F
- Coinvent cost saving packs



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17071C	1/2"OD 1/2F x 1/2M x 12"	5	25	EA
17072C	1/2"OD 1/2F x 1/2M x 18"	5	25	EA
17073C	1/2"OD 1/2F x 1/2M x 24"	5	25	EA
17074C	1/2"OD 1/2F x 1/2M x 36"	5	25	EA
17075C	1/2"OD 1/2F x 1/2M x 48"	5	25	EA

5/8" OD Coated Stainless Steel Flexible Gas Connectors

- Yellow epoxy coated stainless steel
- Rated pressure: 0.5 PSI
- Rated operating temperature: -40°F to 150°F
- Coinvent cost saving packs



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19516C	1/2F x 1/2M x 12"	5	25	EA
19517C	1/2F x 1/2M x 18"	5	25	EA
19518C	1/2F x 1/2M x 24"	5	25	EA
19519C	1/2F x 1/2M x 36"	5	25	EA
19520C	1/2F x 1/2M x 48"	5	25	EA
19521C	1/2F x 1/2M x 60"	5	12	EA
19523C	1/2F x 1/2M x 72"	5	12	EA
18300C	1/2F x 1/2F x 24"	5	25	EA

1/2" OD Stainless Steel Flexible Gas Connectors

- Design certified by CSA
- For indoor and outdoor use
- Corrosion Resistant Stainless Steel 304 Tubing
- Zinc-plated Steel Fittings
- Standard pipe thread ends
- Coinvent cost saving packs



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
12038C	1/2F x 1/2M x 12"	5	25	EA
12039C	1/2F x 1/2M x 18"	5	25	EA
12040C	1/2F x 1/2M x 24"	5	25	EA
12041C	1/2F x 1/2M x 36"	5	25	EA
12042C	1/2F x 1/2M x 48"	5	25	EA
12043C	1/2F x 1/2M x 60"	5	12	EA

1/2" OD Stainless Steel Flexible Gas Connectors With Ball Valves

Connectors With Ball Valve Cross Reference Numbers

16650	HFDC-4K-18	20-3135-18	EFGC-038-SS-1031-18
16651	HFDC-4K-24	20-3135-24	EFGC-038-SS-1031-24
16652	HFDC-4K-36	20-3135-36	EFGC-038-SS-1031-36
16653	HFDC-4K-48	20-3135-48	EFGC-038-SS-1031-48



ITEM NO.	DESCRIPTION	STD QTY	U M
16650	1/2F x 1/2M x 18" w/ Ball Valve	25	EA
16651	1/2F x 1/2M x 24" w/ Ball Valve	25	EA
16652	1/2F x 1/2M x 36" w/ Ball Valve	25	EA
16653	1/2F x 1/2M x 48" w/ Ball Valve	25	EA

Premium Shoe Covers

Protects floors from dirt, scuffs, & scratches
Dark blue in color
Fits up to size 15 shoe
Dispenser box



See Page 117

5/8" OD Stainless Steel Flexible Gas Connectors

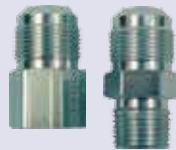
- Design certified by CSA
- For indoor and outdoor use
- Corrosion Resistant Stainless Steel 304 Tubing
- Zinc-plated Steel Fittings
- Standard pipe thread ends
- Coinvent cost saving packs



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14123C	1/2F x 1/2F x 12"	5	25	EA
14124C	1/2F x 1/2F x 18"	5	25	EA
14125C	1/2F x 1/2F x 24"	5	25	EA
14126C	1/2F x 1/2F x 36"	5	25	EA
14127C	1/2F x 1/2F x 48"	5	25	EA
14128C	1/2F x 1/2F x 60"	5	12	EA
13124C	1/2F x 1/2M x 12"	5	25	EA
13125C	1/2F x 1/2M x 18"	5	25	EA
13126C	1/2F x 1/2M x 24"	5	25	EA
13127C	1/2F x 1/2M x 36"	5	25	EA
13128C	1/2F x 1/2M x 48"	5	25	EA
13129C	1/2F x 1/2M x 60"	5	12	EA
15750C	1/2M x 1/2M x 12"	5	25	EA
15751C	1/2M x 1/2M x 18"	5	25	EA
15752C	1/2M x 1/2M x 24"	5	25	EA
15753C	1/2M x 1/2M x 36"	5	25	EA
15754C	1/2M x 1/2M x 48"	5	25	EA
15755C	1/2M x 1/2M x 60"	5	12	EA

Gas Connector Fittings

- 125 PSI



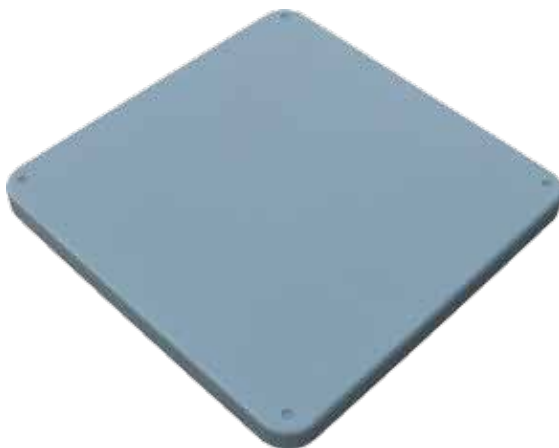
ITEM NO.	DESCRIPTION	STD QTY	U M
15100	1/2" OD Flare x 1/2" FPT	25	EA
15101	1/2" OD Flare x 1/2" MPT	25	EA
15102	5/8" OD Flare x 1/2" FPT	25	EA
15103	5/8" OD Flare x 1/2" MPT (3/8" FPT)	25	EA
15104	5/8" OD Flare x 3/4" MPT (1/2" FPT)	25	EA
15105	5/8" OD Flare x 3/4" FPT Elbow	25	EA

Gas Connector Ball Valves

- 56 PSI



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15108	1/2" FPT x 1/2" FPT	10	100	EA
15109	3/4" FPT x 3/4" FPT	10	100	EA
15137	1" FPT x 1" FPT	5	50	EA



Equipment Pads

Lightweight, 30 x 30 x 3 pad weighs only 10 lbs

Strong high density polyethylene construction

Textured top to prevent slipping

Corner tabs help keep pads stacked

See Page 3 For Sizes Available!

Vertical Hex Body Gas Line Test Gauges

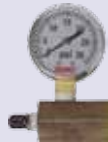
- Test gas line pressure
- Easy to read gauges
- 0 - 15 PSI in 1/10 lb dial increments
- 0 - 30 PSI in 1/4 lb dial increments
- 0 - 60 PSI in 1 lb dial increments
- 0 - 100 PSI in 1 lb dial increments
- Test gauges are intended for single use only



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20488	1/2" 0 - 15 PSI Vertical Gauge	1	50	EA
20492	3/4" 0 - 15 PSI Vertical Gauge	1	50	EA
20496	1" 0 - 15 PSI Vertical Gauge	1	50	EA
20489	1/2" 0 - 30 PSI Vertical Gauge	1	50	EA
20493	3/4" 0 - 30 PSI Vertical Gauge	1	50	EA
20497	1" 0 - 30 PSI Vertical Gauge	1	50	EA
20490	1/2" 0 - 60 PSI Vertical Gauge	1	50	EA
20494	3/4" 0 - 60 PSI Vertical Gauge	1	50	EA
20498	1" 0 - 60 PSI Vertical Gauge	1	50	EA
20491	1/2" 0 - 100 PSI Vertical Gauge	1	50	EA
20495	3/4" 0 - 100 PSI Vertical Gauge	1	50	EA
20499	1" 0 - 100 PSI Vertical Gauge	1	50	EA

Horizontal Hex Body Gas Line Test Gauges

- Test gas line pressure
- Easy to read gauges
- 0 - 15 PSI in 1/10 lb dial increments
- 0 - 30 PSI in 1/4 lb dial increments
- 0 - 60 PSI in 1 lb dial increments
- 0 - 100 PSI in 1 lb dial increments
- Test gauges are intended for single use only



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19637	1/2" 0 - 15 PSI Horizontal Gauge	1	50	EA
19638	3/4" 0 - 15 PSI Horizontal Gauge	1	50	EA
19639	1" 0 - 15 PSI Horizontal Gauge	1	50	EA
17255	1/2" 0 - 30 PSI Horizontal Gauge	1	50	EA
17256	3/4" 0 - 30 PSI Horizontal Gauge	1	50	EA
17257	1" 0 - 30 PSI Horizontal Gauge	1	50	EA
19643	1/2" 0 - 60 PSI Horizontal Gauge	1	50	EA
19644	3/4" 0 - 60 PSI Horizontal Gauge	1	50	EA
19645	1" 0 - 60 PSI Horizontal Gauge	1	50	EA
17258	1/2" 0 - 100 PSI Horizontal Gauge	1	50	EA
17259	3/4" 0 - 100 PSI Horizontal Gauge	1	50	EA
17260	1" 0 - 100 PSI Horizontal Gauge	1	50	EA

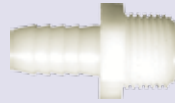
Bell Fitting Gas Line Test Gauges

- Test gas line pressure
- Easy to read gauges
- 0 - 15 PSI in 1/10 lb dial increments
- 0 - 30 PSI in 1/4 lb increments
- 0 - 60 PSI in 1 lb dial increments
- 0 - 100 PSI in 1 lb increments
- Test gauges are intended for single use only



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19640	1/2" 0 - 15 PSI Bell Test Gauge	1	50	EA
19641	3/4" 0 - 15 PSI Bell Test Gauge	1	50	EA
19642	1" 0 - 15 PSI Bell Test Gauge	1	50	EA
17711	1/2" 0 - 30 PSI Bell Test Gauge	1	50	EA
17712	3/4" 0 - 30 PSI Bell Test Gauge	1	50	EA
17713	1" 0 - 30 PSI Bell Test Gauge	1	50	EA
19646	1/2" 0 - 60 PSI Bell Test Gauge	1	50	EA
19647	3/4" 0 - 60 PSI Bell Test Gauge	1	50	EA
19648	1" 0 - 60 PSI Bell Test Gauge	1	50	EA
17714	1/2" 0 - 100 PSI Bell Test Gauge	1	50	EA
17715	3/4" 0 - 100 PSI Bell Test Gauge	1	50	EA
17716	1" 0 - 100 PSI Bell Test Gauge	1	50	EA

Nylon Adapter: Male Pipe Thread x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TAA-0412	1/8" MPT x 3/8" Barb	100	1400	EA
0636	1/4" MPT x 1/4" Barb (10/Pk)	1	100	PK
TAA-0808	1/4" MPT x 1/4" Barb	100	1500	EA
TAA-0812	1/4" MPT x 3/8" Barb	100	1400	EA
TAA-0816	1/4" MPT x 1/2" Barb	100	2300	EA
0637	3/8" MPT x 1/4" Barb (10/Pk)	1	70	PK
TAA-1208	3/8" MPT x 1/4" Barb	100	1000	EA
0638	3/8" MPT x 3/8" Barb (10/Pk)	1	40	PK
TAA-1212	3/8" MPT x 3/8" Barb	100	2000	EA
0640	3/8" MPT x 1/2" Barb (8/Pk)	1	135	PK
TAA-1216	3/8" MPT x 1/2" Barb	100	1600	EA
TAA-1608	1/2" MPT x 1/4" Barb	100	1400	EA
0639	1/2" MPT x 3/8" Barb (8/Pk)	1	125	PK
TAA-1612	1/2" MPT x 3/8" Barb	100	1200	EA
0641	1/2" MPT x 1/2" Barb (6/Pk)	1	125	PK
TAA-1616	1/2" MPT x 1/2" Barb	100	1200	EA
TAA-1620	1/2" MPT x 5/8" Barb	100	1100	EA
TAA-1624	1/2" MPT x 3/4" Barb	100	1000	EA
TAA-2408	3/4" MPT x 1/4" Barb	100	1000	EA
TAA-2412	3/4" MPT x 3/8" Barb	50	900	EA
0633	3/4" MPT x 1/2" Barb (4/Pk)	1	175	PK
TAA-2416	3/4" MPT x 1/2" Barb	100	1500	EA
0627	3/4" MPT x 5/8" Barb (4/Pk)	1	325	PK
TAA-2420	3/4" MPT x 5/8" Barb	100	1500	EA
0628	3/4" MPT x 3/4" Barb (4/Pk)	1	125	PK
TAA-2424	3/4" MPT x 3/4" Barb	50	1500	EA

Nylon Swivel Adapter: Female Thread x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0648	3/4" FPT x 1/2" Barb (4/Pk)	1	250	PK
0649	3/4" FPT x 5/8" Barb (4/Pk)	1	250	PK
0614	3/4" FGHT x 5/8" Barb (4/Pk)	1	250	PK

Nylon Swivel Nut: Female Thread



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TLS-24	3/4" FGHT Swivel Nut	100	1000	EA
TLT-24	3/4" FPT Swivel Nut	100	1000	EA

Nylon Barb: Flat Seat

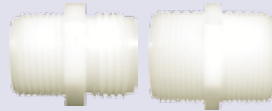
- Use with items TLS-24 & TLT-24



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TLW-16	1/2" Barb	100	2200	EA
TLW-20	5/8" Barb	100	1000	EA
TLW-24	3/4" Barb	100	1500	EA

STANDARDS & BASES
EQUIPMENT
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SEALANTS LUBES VENTING
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Nylon Nipple: Male Thread x Male Thread



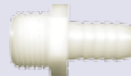
ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TNC-1616	1/2" MPT x 1/2" MPT	100	1000	EA
TNC-2424	3/4" MPT x 3/4" MPT	50	1500	EA
0606	3/4" MGHT x 3/4" MPT (4/Pk)	1	125	PK
TLC-2424	3/4" MGHT x 3/4" MPT	100	1500	EA

Nylon Adapter: Male Garden Hose x Female Thread



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0604	3/4" MGHT x 3/4" FPT (4/Pk)	1	100	PK
TLG-2424	3/4" MGHT x 3/4" FPT	100	600	EA
0608	3/4" MGHT X 3/4" FGHT (3/Pk)	1	90	PK

Nylon Nipple: Male Garden Hose x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TLD-2424	3/4" MGHT x 3/4" Barb	100	1000	PK

Nylon Nipple: Reducing Male Pipe Thread x Male Pipe Thread



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TNE-1612	1/2" MPT x 3/8" MPT	100	1300	EA
TNE-2416	3/4" MPT x 1/2" MPT	100	900	EA

Nylon Bushing: Male Pipe Thread x Female Pipe Thread



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0618	1/2" MPT x 3/8" FPT (5/Pk)	1	100	PK
0619	3/4" MPT x 1/2" FPT (4/Pk)	1	125	PK
TRA-2416	3/4" MPT x 1/2" FPT	100	1000	EA
0620	1" MPT x 3/4" FPT (4/Pk)	1	125	PK
TRA-3224	1" MPT x 3/4" FPT	100	1000	EA

Nylon Plug: Male Pipe Thread

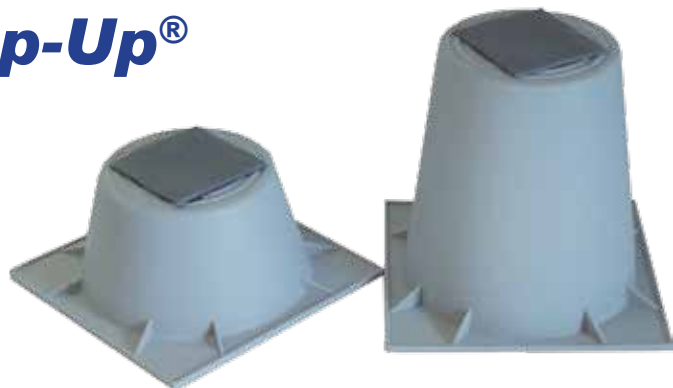


ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TPA-04	1/8" MPT	100	2800	EA
TPA-16	1/2" MPT	100	2000	EA
TPA-24	3/4" MPT	100	1200	EA

1-Piece Riser Pump-Up®

- Elevate heat pumps & air handling units
- Allows better condensate drainage
- Helps prevent corrosion of metal base
- Polymeric mastic included on each unit
- Available in 3" & 6" heights

See Page 5



Nylon Elbow: Barb x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TEC-0808	1/4" Barb x 1/4" Barb	100	1700	EA
TEC-1212	3/8" Barb x 3/8" Barb	100	2000	EA
0629	1/2" Barb x 1/2" Barb (4/Pk)	1	175	PK
TEC-1616	1/2" Barb x 1/2" Barb	100	1400	EA
0630	5/8" Barb x 5/8" Barb (4/Pk)	1	150	PK
TEC-2020	5/8" Barb x 5/8" Barb	100	1500	EA
0603	3/4" Barb x 3/4" Barb (3/Pk)	1	100	PK
TEC-2424	3/4" Barb x 3/4" Barb	50	1200	EA

Nylon Elbow: Male Pipe Thread x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0642	1/4" MPT x 1/4" Barb (5/Pk)	1	150	PK
0643	3/8" MPT x 1/4" Barb (4/Pk)	1	150	PK
0644	3/8" MPT x 3/8" Barb (4/Pk)	1	125	PK
TEA-1212	3/8" MPT x 3/8" Barb	100	1400	EA
TEA-1216	3/8" MPT x 1/2" Barb	100	1100	EA
TEA-1220	3/8" MPT x 5/8" Barb	100	1000	EA
0645	1/2" MPT x 3/8" Barb (4/Pk)	1	125	PK
TEA-1612	1/2" MPT x 3/8" Barb	100	1000	EA
TEA-1616	1/2" MPT x 1/2" Barb	100	900	EA
TEA-1620	1/2" MPT x 5/8" Barb	100	400	EA
TEA-2408	3/4" MPT x 1/4" Barb	100	400	EA
TEA-2412	3/4" MPT x 3/8" Barb	50	1500	EA
0632	3/4" MPT x 1/2" Barb (4/Pk)	1	100	PK
TEA-2416	3/4" MPT x 1/2" Barb	100	1200	EA
0625	3/4" MPT x 5/8" Barb (4/Pk)	1	200	PK
TEA-2420	3/4" MPT x 5/8" Barb	50	1100	EA
0626	3/4" MPT x 3/4" Barb (4/Pk)	1	240	PK
TEA-2424	3/4" MPT x 3/4" Barb	50	900	EA

Nylon Elbow: Female Pipe Thread x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0621	3/4" FPT x 1/2" Barb (4/Pk)	1	200	PK
TEB-2416	3/4" FPT x 1/2" Barb	50	800	EA
0623	3/4" FPT x 5/8" Barb (4/Pk)	1	90	PK
TEB-2420	3/4" FPT x 5/8" Barb	50	800	EA
0624	3/4" FPT x 3/4" Barb (4/Pk)	1	90	PK
TEB-2424	3/4" FPT x 3/4" Barb	50	800	EA

Nylon Hose Mender: Barb x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0609	1/4" Barb x 1/4" Barb (5/Pk)	1	300	PK
0610	3/8" Barb x 3/8" Barb (5/Pk)	1	200	PK
TMA-1212	3/8" Barb x 3/8" Barb	100	2000	EA
0611	1/2" Barb x 1/2" Barb (4/Pk)	1	125	PK
TMA-1616	1/2" Barb x 1/2" Barb	100	1500	EA
0612	5/8" Barb x 5/8" Barb (4/Pk)	1	100	PK
TMA-2020	5/8" Barb x 5/8" Barb	100	1000	EA
0613	3/4" Barb x 3/4" Barb (3/Pk)	1	200	PK
TMA-2424	3/4" Barb x 3/4" Barb	50	1600	EA

Nylon Tee: Barb x Male Pipe Thread x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
TTB-161616	1/2" Barb x 1/2" MPT x 1/2" Barb	100	300	EA

Nylon Tee: Barb x Barb x Barb



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0646	1/4" Barb x 1/4" Barb x 1/4" Barb (5/Pk)	1	140	PK
0647	3/8" Barb x 3/8" Barb x 3/8" Barb (5/Pk)	1	120	PK
0600	1/2" Barb x 1/2" Barb x 1/2" Barb (4/Pk)	1	150	PK
TTA-161616	1/2" Barb x 1/2" Barb x 1/2" Barb	100	1800	EA
0622	1/2" Barb x 3/4" Barb x 1/2" Barb (2/Pk)	1	250	PK
0601	5/8" Barb x 5/8" Barb x 5/8" Barb (4/Pk)	1	125	PK
TTA-202020	5/8" Barb x 5/8" Barb x 5/8" Barb	50	1200	EA
0602	3/4" Barb x 3/4" Barb x 3/4" Barb (4/Pk)	1	90	PK
TTA-242424	3/4" Barb x 3/4" Barb x 3/4" Barb	50	750	EA

Clear Vinyl Tubing

- A clear, tough, flexible tubing
- Excellent for condensate drainage
- 23°F (-5°C) to 149°F (65°C) service temperature range
- 1/4", 3/8", & 1/2" tubing have a 21 PSI working & 58 PSI burst pressure
- 5/8", 3/4" & 7/8" tubing have a 14 PSI working & 43 PSI burst pressure



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
5125	1/4" I.D. x 100' Roll	5	240	RL
5137	3/8" I.D. x 100' Roll	5	175	RL
5150	1/2" I.D. x 100' Roll	5	75	RL
5162	5/8" I.D. x 100' Roll	5	45	RL
5175	3/4" I.D. x 100' Roll	3	36	RL
5187	7/8" I.D. x 50' Roll	3	36	RL

Braided PVC Tubing

- Non-toxic clear PVC
- Synthetic braid reinforcement
- 23°F (-5°C) to 140°F (60°C) service temperature range
- 1/4" & 3/8" tubing has a 200 PSI working & 600 PSI burst pressure
- 1/2", 5/8", & 3/4" tubing have a 150 PSI working & 450 PSI burst pressure



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
20626	1/4" I.D. x 50' Braided PVC Tubing	5	200	RL
20627	3/8" I.D. x 50' Braided PVC Tubing	5	160	RL
20628	1/2" I.D. x 50' Braided PVC Tubing	5	140	RL
20629	5/8" I.D. x 50' Braided PVC Tubing	5	60	RL
20630	3/4" I.D. x 50' Braided PVC Tubing	3	54	RL

Polyethylene Tubing

- Use tubing for ice makers & humidifiers
- -40°F to 135°F service temperature range



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
5225	1/4" OD Polyethylene (100' Roll)	5	20	EA

Self-Tapping Water Valve

- Installs on all copper tube lines from 3/8" O.D. to 1-1/8" O.D.
- No drilling or shutting off water required
- 1/4" compression fitting
- Stainless steel piercing needle
- Molded gasket seals



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0131	Self-Tapping Water Valve	10	250	EA
0149	Self-Tapping Water Valve (Lead Free)	10	250	EA

Ice Maker Installation Kits

- For ice makers, humidifiers, evaporate coolers
- Contains "self-tapping valve", 1/4" tubing, & all necessary fittings
- Supplies water to refrigerators & humidifiers
- No drilling or shutting off water required



ITEM NO.	DESCRIPTION	STD QTY	U M
0130	25' Polyethylene Tubing Kit	20	KT
0148	25' Lead Free Polyethylene Tubing Kit	20	KT
17499	25' Copper Tubing Kit	1	KT

Mini Split Drain Tube

- Design prevents kinks
- Fits standard 5/8" in male adapters
- 3/4" OD allows transition to rigid PVC



Cross Reference Numbers
20320 230-DL1620 79127
23160 230-DL16

ITEM NO.	DESCRIPTION	STD QTY	U M
23020	5/8" ID X 20' Mini Split Drain Tube	9	RL
23160	5/8" ID X 160' Mini Split Drain Tube	1	RL

Aluminum Tubing

- For pilot light installation
- Meets ASTM B491 & B493
- Alloy 3003-00



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17493	1/8" OD Tubing .025 Wall (50' Coil)	1	10	CL
17494	3/16" OD Tubing .028 Wall (50' Coil)	1	10	CL
17495	1/4" OD Tubing .032 Wall (50' Coil)	1	10	CL
18116	3/8" OD Tubing .035 Wall (50' Coil)	1	10	CL

Copper Refrigeration Coil

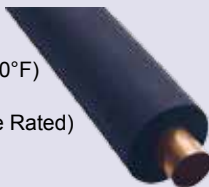
- Dehydrated
- Ends capped
- Individual cartons



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17502	1/4" OD Copper Tubing (50' Coil)	1	15	CL
18562	5/16" OD Copper Tubing (50' Coil)	1	10	CL
18563	3/8" OD Copper Tubing (50' Coil)	1	10	CL
18564	1/2" OD Copper Tubing (50' Coil)	1	10	CL
18565	5/8" OD Copper Tubing (50' Coil)	1	8	CL
18566	3/4" OD Copper Tubing (50' Coil)	1	5	CL
18567	7/8" OD Copper Tubing (50' Coil)	1	4	CL
18568	1-1/8" OD Cpr Tubing (50' Coil)	1	3	CL

Aerocel® Pipe & Tubing Insulation

- Closed cell rubber
- Excellent resistance to UV & weather
- Wide service temperature range (-70°F to +300°F)
- High resistance to water vapor permeability
- Low flame spread & smoke density (25/50 Fire Rated)
- Low & Stable Thermal Conductivity (K.value)
- Six foot pieces



ITEM NO.	DESCRIPTION	STD QTY	U M
6109	[200-AC1238] 1/4" – Wall: 3/8"	780	FT
6110	[202-AC1238] 3/8" – Wall: 3/8"	720	FT
6111	[204-AC1238] 1/2" – Wall: 3/8"	648	FT
6112	[206-AC5838] 5/8" – Wall: 3/8"	528	FT
6113	[208-AC3438] 3/4" – Wall: 3/8"	420	FT
6114	[210-AC7838] 7/8" – Wall: 3/8"	378	FT
6115	[212-AC11838] 1-1/8" – Wall: 3/8"	288	FT
6213	[306AC3412] 3/4" – Wall: 1/2"	336	FT
6214	[308AC7812] 7/8" – Wall: 1/2"	288	FT
6215	[310-AC11812] 1-1/8" – Wall: 1/2"	216	FT
6216	[312-AC13812] 1-3/8" – Wall: 1/2"	174	FT
6217	[314-AC15812] 1-5/8" – Wall: 1/2"	138	FT
6219	[318-AC21812] 2-1/8" – Wall: 1/2"	90	FT
19827	[404AC5834] 5/8" – Wall: 3/4"	210	FT
19828	[406AC3434] 3/4" – Wall: 3/4"	168	FT
19829	[408AC7834] 7/8" – Wall: 3/4"	168	FT
19830	[410-AC11834] 1-1/8" – Wall: 3/4"	120	FT
19831	[412-AC13834] 1-3/8" – Wall: 3/4"	114	FT
19832	[414-AC15834] 1-5/8" – Wall: 3/4"	78	FT
19833	[418-AC21834] 2-1/8" – Wall: 3/4"	72	FT

Ideal™ Combo Hex Gear Clamps

- Combo hex
- Band and housing are 300 stainless steel
- The world's most versatile clamp
- It has an extra wide 9/16" band
- Safety collared
- 3/8" hex screw is cadmium plated steel



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
5406	[5406] Size 06, 3/8" - 7/8" Dia.	10	500	EA
5408	[5408] Size 08, 7/16" - 1" Dia.	10	500	EA
5410	[5410] Size 10, 1/2" - 1-1/8" Dia.	10	500	EA
5412	[5412] Size 12, 1/2" - 1-1/4" Dia.	10	500	EA
5416	[5416] Size 16, 3/4" - 1-1/2" Dia.	10	500	EA
5420	[5420] Size 20, 3/4" - 1-3/4" Dia.	10	500	EA
5432	[5432] Size 32, 1-9/16" - 2-1/2" Dia.	10	500	EA

Ideal™ "57" Series Gear Clamps

- 5/16" zinc plated carbon steel hex head screw
- 1/2" wide stainless steel band



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13039	[5706] Size 06, 3/8" - 7/8" Dia.	10	200	EA
13040	[5706] Size 08, 7/16" - 1" Dia.	10	500	EA
13041	[5710] Size 10, 1/2" - 1-1/8" Dia.	10	500	EA
13043	[5712] Size 12, 1/2" - 1-1/4" Dia.	10	500	EA
13044	[5716] Size 16, 3/4" - 1-1/2" Dia.	10	200	EA
13045	[5720] Size 20, 3/4" - 1-3/4" Dia.	10	500	EA
13046	[5732] Size 32, 1-9/16" - 2-1/2" Dia.	10	500	EA

Ideal™ "67-1" Series Stainless Steel Gear Clamps

- All-stainless steel
- 1/2" band & 5/16" hex-head screw



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13047	[6706-1] Size 06, 3/8" - 7/8" Dia.	10	200	EA
13049	[6708-1] Size 08, 7/16" - 1" Dia.	10	500	EA
13050	[6710-1] Size 10, 1/2" - 1-1/8" Dia.	10	500	EA
13051	[6712-1] Size 12, 1/2" - 1-1/4" Dia.	10	500	EA
13052	[6716-1] Size 16, 3/4" - 1-1/2" Dia.	10	200	EA
13053	[6720-1] Size 20, 3/4" - 1-3/4" Dia.	10	500	EA
13054	[6732-1] Size 32, 1-9/16" - 2-1/2" Dia.	10	500	EA

Ideal™ Micro-Gear Gear Clamps

- Tiny-Tough, holds up to 1000 psi with only 10 pounds of torque
- Band & housing are stainless steel
- 1/4" hex head screw is zinc plated carbon steel



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
6202	[620451] Size 04, Fits 5/16" - 5/8"	10	1000	EA
6203	[6206] Size 06, Fits 5/16" - 7/8"	10	1000	EA
6204	[62P12] Size 12, Fits 1/2" - 1-1/4"	10	500	EA
6205	[62P16] Size 16, Fits 5/8" - 1-1/2"	10	500	EA
6206	[62P20] Size 20, Fits 3/4" - 1-3/4"	10	500	EA

Quick Release Gear Clamp

- Quick release make extremely versatile
- 5/16" hex head screw
- Stainless steel coated band
- Zinc plated tightening screw
- 1/2" width band



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17159	2" - 12-1/4" Diameter - 38" Length	10	200	EA
17160	2" - 16-1/4" Diameter - 51" Length	10	200	EA
17220	2" - 20" Diameter - 63" Length	10	200	EA

Beckett™ Condensate Pumps

- Patented cooling system
- 4 top inlets
- Thermal overload protection
- Dual float switch controls for added safety
- UL/cUL Listed
- 60 Hz
- 6' power cord
- Silicone rubber check valve for quiet operation
- Independent safety float switch (except item 15660)



ITEM NO.	DESCRIPTION	STD QTY	U M
15660	[CB151LSUL] 115V, 17' Max Lift, 120 gph	6	EA
15661	[CB151UL] 115V, 17' Max Lift, 120 gph	6	EA
15662	[CB201UL] 115V, 22' Max Lift, 140 gph	6	EA
15663	[CB202UL] 230V, 20' Max Lift, 134 gph	6	EA
18040	[CRP1520A] Check Valve 3/8" ID Tubing	6	EA

Little Giant® Condensate Pumps

- 1/2 gallon leakproof, rustproof, ABS tank with mounting tabs
- Stainless steel motor shaft
- 3 drain holes
- 3/8" barbed discharge adapter
- 20' shut-off head
- 6' power cord
- UL/CSA listed
- Thermal overload protected
- Suitable for high-efficiency, gas furnace condensate



ITEM NO.	DESCRIPTION	STD QTY	U M
20135	[VCMA-15UL] 115V, 1/60HP	5	EA
20136	[VCMA-15ULS] 115V, 1/60HP, Switch	5	EA
20137	[VCMA-20ULS] 115V, 1/30HP, Switch	5	EA
20168	[VCMA-20ULS] 230V, 50/60HZ	5	EA
20138	[VCL-14ULS] Condensate Pump	1	EA
19135	[CV-14-24] Check Valve: 3/8" - Rigid	6	EA
19136	[CV-10] Check Valve: 3/8" - Tubing	6	EA

Beckett™ Low Profile Condensate Pumps

- Patented air flow design
- Dual float switch controls for added safety
- Discharge with both barb & threads
- UL/cUL Listed
- 60 Hz
- 6' power cord



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14909	[CL201UL] 115V, 20' Max Lift, 149 gph	1	6	EA
14910	[CL202UL] 230V, 20' Max Lift, 145 gph	1	6	EA

Little Giant® Low Profile Condensate Pumps

- Leakproof, rustproof, ABS tank
- Stainless steel motor shaft
- 3/8" O.D. barbed discharge adapter
- 6' power cord
- UL/CSA listed
- Thermal overload protected



ITEM NO.	DESCRIPTION	STD QTY	U M
17215	[VCC-20ULS] 115V, 1/30HP, Switch	1	EA
17216	[VCC-20ULS] 230V, 1/30HP, Switch	1	EA

Beckett™ Mini Condensate Pumps

- For mini split systems up to 36,000 BTU
- Flow rate at 0' 3.5 gph / flow rate at 20' 2.3 gph
- 65' Max Lift / 12.9' Max Suction
- UL/cUL Listed
- 60 Hz
- 5' power cord



ITEM NO.	DESCRIPTION	STD QTY	U M
13980	[MS601UL] 115V Mini Pump	1	EA
13981	[MS602ULC] 230V Mini Pump	1	EA

Little Giant® Mini Split/Ductless Pumps

- Includes EC-1 Mini Condensate Pump
- 2.1" x 3.0" (5.3 cm x 7.6 cm) line set inside dimensions
- 19.7" (50 cm) drain hose tubing
- Detachable 84" (213.4 cm) power cord
- 90° "elbow" for locating pump reservoir
- 31.5" (8 cm) straight line set cover



ITEM NO.	DESCRIPTION	STD QTY	U M
16037	[553455] 115V Mini Split Pump	1	EA

Beckett™ Safety Switch

- May be wired directly or wired to sound an alarm
- AC or DC low voltage applications
- UR Rated
- 18" wire leads
- Single pole, double throw, single break snap action switch



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
12551	[1502UR] Safety Switch	1	12	EA

Secondary Float Safety Switch

- Install to activate audible and/or visual alarm
- ABS housing & float
- Low voltage (48 VAC/DC Max / 5 Amp Max)
- 72" Lead wires
- UR / C-CSA listing



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18845	[ACS-2] Secondary Float Safety Switch	1	24	EA

Condensate Overflow Safety Switch

- Can activate alarm or shut off the system
- Switch/cap is easily removed to clean clog from line
- 6 foot lead wires
- 1" x 1" x 3/4" tee with 3/4" plug & 1" x 3/4" bushing
- Suitable for 24V AC, 0.5 amp maximum operation



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17119	[ACS-4] Overflow Safety Switch	1	12	EA

Float Switch

- Shuts down device in the event of a high water condition in a drain pan or reservoir
- Normally open or normally closed
- Switch is rated for up to 5 amp, 125 volt; 3 amp, 250 volt



ITEM NO.	DESCRIPTION	STD QTY	U M
19845	Float Switch With Alligator Clip	1	EA

Master Flash® Pipe Flashings

- Designed to seal on any panel configuration & roof pitch
- Made of EPDM with a flexible aluminum alloy base
- Covers all applications from -65°F to 275°F
- UPC listed
- Made in the U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
19110	No. 1 — 1/4" - 2-1/2" Pipe Flashing	15	EA
19111	No. 2 — 1-3/4" - 3" Pipe Flashing	15	EA
19112	No. 3 — 1/4" - 5" Pipe Flashing	15	EA
19113	No. 4 — 3" - 6-1/4" Pipe Flashing	10	EA
19114	No. 5 — 4-1/4" - 7-3/4" Pipe Flashing	10	EA
19115	No. 6 — 5" - 9" Pipe Flashing	10	EA
19116	No. 7 — 6" - 11" Pipe Flashing	10	EA
19117	No. 8 — 7" - 13" Pipe Flashing	1	EA
19118	No. 9 — 9" - 19" Pipe Flashing	1	EA

Round Pipe Flashings

- Designed to seal on any panel configuration & roof pitch
- Made of EPDM with a flexible aluminum alloy base
- Covers all applications from -65°F to 275°F
- UPC listed



ITEM NO.	DESCRIPTION	STD QTY	U M
20630	No. 1 — 1/4" - 2-1/2" Pipe Flashing	15	EA
20631	No. 2 — 1-3/4" - 3" Pipe Flashing	15	EA
20632	No. 3 — 1/4" - 5" Pipe Flashing	15	EA
20633	No. 4 — 3" - 6-1/4" Pipe Flashing	15	EA
20634	No. 5 — 4-1/4" - 7-3/4" Pipe Flashing	15	EA
20635	No. 6 — 5" - 9" Pipe Flashing	10	EA
20636	No. 7 — 6" - 11" Pipe Flashing	10	EA
20637	No. 8 — 7" - 13" Pipe Flashing	10	EA
20638	No. 9 — 9" - 19" Pipe Flashing	5	EA

Master Flash® High Temp Flashings

- Designed to seal on any panel configuration & roof pitch
- Made of red silicone with a flexible aluminum alloy base
- Covers all applications from -100°F to 437°F
- UPC Listed
- Made in the U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20600	No. 3 — 1/4" - 5" OD Hi-Temp	1	15	EA
20601	No. 5 — 4-1/4" - 7-3/4" OD Hi-Temp	1	10	EA
20602	No. 8 — 7" - 13" OD Hi-Temp	1	5	EA
20603	No. 9 — 9" - 19" OD Hi-Temp	1	5	EA

Round High Temp Flashings

- Designed to seal on any panel configuration & roof pitch
- Made of red silicone with a flexible aluminum alloy base
- Covers all applications from -100°F to 437°F
- UPC Listed



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30800	No. 3 — 1/4" - 5" OD Hi-Temp	1	15	EA
30801	No. 5 — 4-1/4" - 7-3/4" OD Hi-Temp	1	15	EA
30802	No. 8 — 7" - 13" OD Hi-Temp	1	10	EA
30803	No. 9 — 9" - 19" OD Hi-Temp	1	5	EA

Multi-Flash Master Flash®

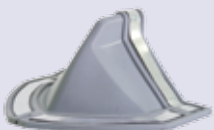
- Made of EPDM, compounded specifically for maximum resistance to weathering
- Easy on-site customizing
- Stainless steel gripper included
- Soft aluminum flexible base is designed to form a seal on most panel configurations & roof pitches regardless of pipe location
- Easy install stainless steel gripper to secure a retro custom fit
- Temperature tested to: intermittent to +135°C (+275°F)/continuous to +100°C (+212°F)/low tested to +50°C (-65°F)
- Tensile set maximum: 10MPa (1450psi)



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20655	No 2 - 7/8" - 4" / Retro: 1/2" - 3-1/2"	1	8	EA
20656	No 3 - 1/4" - 5-3/4" / Retro: 2" - 4-1/2"	1	8	EA
20657	No 4 - 2-3/4" - 7" / Retro: 2-1/4" - 6-1/2"	1	8	EA
20658	No 5 - 4" - 8-1/4" / Retro: 3-1/2" - 6-3/4"	1	8	EA
20659	No 6 - 4-3/4" - 10" / Retro: 4-1/4" - 9-1/2"	1	8	EA
20660	No 7 - 5-1/2" - 11-1/2" / Retro: 5" - 11"	1	8	EA
20661	No 8 - 6-3/4" - 13-1/2" / Retro: 6-1/2" - 12"	1	5	EA
20662	No 9 - 9-1/2" - 20-1/2" / Retro: 9" - 20"	1	5	EA

End Cap Roof Flashing

- Made of EPDM, compounded specifically for maximum resistance to weathering
- One piece construction
- Soft aluminum base is designed to form a seal on most panels



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17070	#2 End Cap Gray	1	5	EA

Heat Cable

Residential Heat Cable

- Pre-assembled
- Preset thermostat
- Self regulating cable
- Plugs into standard 120 VAC outlet
- Jacketed for wet & dry applications
- For use on plastic & metal pipes



Commercial Heat Cable

- No thermostat or plug
- 2 foot orange 14/3 cold lead
- Jacketed for wet & dry applications
- 120 VAC
- Metal pipes only



See Page 64

Oatey® Galvanized Base No-Calk® Flashings

- Slides over pipe - for pitch up to 40°
- Rustproof, stamped galvanized, 24 gauge
- Non-fading sealing collar
- Rated for 180°F continuous heat
- Approved for Type B installations
- UPC, SBCCI & BOCA Listed
- Not for hot-mopped or built up roofs



ITEM NO.	DESCRIPTION	STD QTY	U M
11830	[11830] 1/2" - 3/4" - 1" Galvanized	12	EA
11840	[11840] 1-1/4" - 1-1/2" Galvanized	12	EA
11853	[11853] 2" Galvanized	12	EA
11866	[11866] 3" Galvanized	12	EA
11879	[11879] 4" Galvanized	12	EA

IPS® Galvanized Base Flashings

- UPS, SBCCI & BOCA listed
- 24 gauge galvanized base with elastomer collar
- Rated 180° F continuous heat



ITEM NO.	DESCRIPTION	STD QTY	U M
13114	1-1/2" Flashing - 8-3/4" x 12-1/2" Base	20	EA
13115	2" Flashing - 8-3/4" x 12-1/2" Base	20	EA
13116	3" Flashing - 10-3/4" x 14-1/2" Base	20	EA
13117	4" Flashing - 12" x 16" Base	20	EA

IPS® Multi-Size Galvanized Base Flashings

- UPS, SBCCI & BOCA listed
- 24 gauge galvanized base with elastomer collar
- Rated 180° F continuous heat



ITEM NO.	DESCRIPTION	STD QTY	U M
13118	1-1/4" - 3" with 10-3/4" x 14-1/2" Base	20	EA
13119	3" - 4" with 12" x 16" Base	20	EA

Oatey® Thermoplastic Base No-Calk® Flashings

- Roof flashing slides over vent pipe for pitch to 45°
- Non-cracking rigid black thermoplastic base
- Non-fading
- Approved for Type B installations
- Not for hot-mopped or built-up roofs
- Do not use paint or petroleum based products on plastic bases or rubber collars



ITEM NO.	DESCRIPTION	STD QTY	U M
16087	[11909] 2" Flashing - 9.5" x 13" Base	12	EA
16088	[11910] 3" Flashing - 11" x 15" Base	12	EA

Oatey® All-Flash® No-Calk® Highrise® Flashing

- Roof Flashing slides over DWV pipe for pitch to 60°
- Collar has tear-away ring allowing various pipe sizes
- Non-cracking rigid black thermoplastic base.
- Approved for Type B installations
- Not for hot-mopped or built-up roofs
- Do not use paint or petroleum based products on plastic bases or rubber collars



ITEM NO.	DESCRIPTION	STD QTY	U M
19159	[11930] 1-1/2" - 3" Highrise Flashing	6	EA
19160	[11931] 3" - 4" Highrise Flashing	6	EA

IPS® Plastic Base Roof Flashings

- UPS, SBCCI & BOCA listed
- Thermoplastic Hard Base With Elastomer Collar
- Fits Any Roof Pitch To 45°
- Tested For Ultraviolet, Ozone, And Weather Resistance
- Approved For Type 'B' Installations
- Elastomer Collar Heat Tested To 180°F



ITEM NO.	DESCRIPTION	STD QTY	U M
14100	1-1/4" Flashing - 9-1/4" x 13" Base	20	EA
14101	2" Flashing - 9-1/4" x 13" Base	20	EA
14102	3" Flashing - 11-1/8" x 15" Base	20	EA
14103	4" Flashing - 12" x 15-1/2" Base	20	EA

IPS® Multi-Size Plastic Base Flashings

- UPS, SBCCI & BOCA listed
- Thermoplastic Hard Base With Elastomer Collar
- Tested For Ultraviolet, Ozone, And Weather Resistance
- Approved For Type 'B' Installations
- Elastomer Collar Heat Tested To 180°F



ITEM NO.	DESCRIPTION	STD QTY	U M
14104	[81700] 1-1/4" - 3" / 11-1/8" x 15" Base	20	EA
14105	[81702] 3" - 4" / 12" x 15-1/2" Base	20	EA

Metal Pipe Hangers

- For ABS, PVC, DWV pipe
- 3/4" wide galvanized steel



ITEM NO.	DESCRIPTION	STD QTY	U M
13028	2" x 12" Hanger	50	EA
13029	3" x 12" Hanger	50	EA

J-Hook

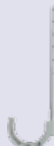
- Snap design for capturing pipe
- Holes are pre-measured an inch apart
- Fabricated from durable ABS plastic
- Use vertically or horizontally



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18242	2" x 7" J-Hook	25	300	EA
18243	3" x 7" J-Hook	25	300	EA

Multi-Hook

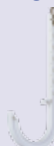
- Hook swivels to support pipe at any angle
- Add an additional hook to a stem for multiple pipe runs
- Hanging system that fits flush against a wall or stud
- Extra strength hook to handle weight load of pipe
- Invert hook to support the pipe from above the joist or rafter



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17761	2" x 9" DWV Multi-Hook	25	300	EA
17762	3" x 9" DWV Multi-Hook	25	300	EA

Sioux Chief Hangs Tuff™ DWV Pipe Hangers

- Super strong I-beam design with preloaded nails
- Unique stem finger locks pipe in place
- Corrosion free white ABS material
- IAMPO I6C 83-93 & IAMPO I6C 83-93 (Sec 3.2), ASTM D3965-88, ASTM D648-82, ASTM D256-88, ASTM D638-90,



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18059	2" x 10-1/2" DWV Pipe Hanger	25	100	EA
18060	3" x 11-3/4" DWV Pipe Hanger	25	100	EA

Polypropylene Webbing Strap

- For hanging flex-duct, etc.
- ± 1/16" Width / .024" thick ± .005"
- Flame Spread Index:5
- Smoke Developed Index:30



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14932	1-3/4" Nominal Black (300' Roll)	24	480	EA
16095	1-3/4" Nominal Silver (300' Roll)	24	480	EA
16105	3" Nominal Black (300' Roll)	8	224	EA
16096	3" Nominal Silver (300' Roll)	8	224	EA

Webbing Strap Dispenser

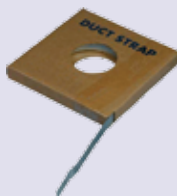
- Fast & easy to use
- Belt hook for easy carrying
- Holds roll tight - no unrolling



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14998	Webbing Strap Dispenser	1	10	EA

Metal Duct Strap

- For hanging flex-duct, etc.



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14307	1" x 100' - 30 Gauge Strap	1	250	EA
14308	1" x 100' - 26 Gauge Strap	1	250	EA
14309	1" x 100' - 24 Gauge Strap	1	250	EA
14310	1-1/2" x 100' - 30 Gauge Strap	1	250	EA
14311	1-1/2" x 100' - 26 Gauge Strap	1	250	EA

Pipe Strap

- 28 gauge galvanized
- Alternating nail & bolt holes



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
6505	10' Roll (Bulk Pack)	100	5000	RL
6506	50' Roll (Box)	20	1000	RL
6507	100' Roll (Box)	10	500	RL

Plastic Hanger Strap

- High strength, flexible & non-conductive
- Uses: pipe hanger, duct hanger, tubing strap, etc.
- 1/8" holes spaced every 3/4"
- Max working load: 15# @ -20°F to 120°F



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
13038	3/4" x 100' Roll Hanger Strap	20	600	RL

Hanging Wire

- Galvanized
- 18 gauge



ITEM NO.	DESCRIPTION	STD QTY	U M
6501	330' Reel Galvanized	24	RL
6502	830' Reel Galvanized	12	RL

Wire Pipe Hooks

- Wire gauge: 11
- 6" length



ITEM NO.	DESCRIPTION	STD QTY	U M
16535	1/2" Wire Pipe Hook	50	EA
16538	3/4" Wire Pipe Hook	50	EA
16541	1" Wire Pipe Hook	50	EA
16543	1-1/4" Wire Pipe Hook	50	EA
16545	1-1/2" Wire Pipe Hook	50	EA
16548	1/2" Copper Coated Hook	50	EA
16551	3/4" Copper Coated Hook	50	EA
16554	1" Copper Coated Hook	50	EA
16557	1-1/4" Copper Coated Hook	50	EA
16559	1-1/2" Copper Coated Hook	50	EA

Cushion Clamps

- Eliminate metal to metal contact
- Resist to most fuels, oils, gases, greases, solvents, mineral acids & other harsh materials
- Allow fluid conductors to be added or removed from installation without disturbing adjacent lines
- Permit various size lines to be mixed to suit installation
- Center distances between conductors may be varied
- Fast and simple installation
- Working temperature range -60°F to +275°F



ITEM NO.	DESCRIPTION	STD QTY	U M
19567	1/4" Cushion Clamp	5	EA
19568	3/8" Cushion Clamp	5	EA
19569	1/2" Cushion Clamp	5	EA
19570	5/8" Cushion Clamp	5	EA
19571	3/4" Cushion Clamp	5	EA
19572	7/8" Cushion Clamp	5	EA
19573	1" Cushion Clamp	5	EA
19574	1-1/8" Cushion Clamp	5	EA
19575	1-3/8" Cushion Clamp	5	EA
19576	1-5/8" Cushion Clamp	5	EA
19577	1-7/8" Cushion Clamp	5	EA
19578	2-1/8" Cushion Clamp	5	EA

Junior Top Beam C-Clamps

- Black malleable iron
- Maximum joist thickness 5/8"
- Clamp under roof installations with bar joist construction



ITEM NO.	DESCRIPTION	STD QTY	U M
19596	3/8" Top Beam C-Clamp	10	EA
19597	1/2" Top Beam C-Clamp	10	EA

Top Beam C-Clamps

- Black malleable iron
- 1-1/4" jaw opening
- Clamping under roof installations with bar joist construction



ITEM NO.	DESCRIPTION	STD QTY	U M
19598	3/8" Top Beam C-Clamp	10	EA
19599	1/2" Top Beam C-Clamp	10	EA

Regular Spring Nut

- For all "A" series channel & inserts



ITEM NO.	DESCRIPTION	STD QTY	U M
19546	3/8" Regular-Spring Nut	10	EA
19547	1/2" Regular-Spring Nut	10	EA

Hanger Rod

- Continuous threaded



ITEM NO.	DESCRIPTION	STD QTY	U M
19552	3/8" x 10' Threaded Rod (16 TPI)	200	FT
19553	1/2" x 10' Threaded Rod (13 TPI)	120	FT

14 Gauge Metal Framing Channels

- Pre-galvanized
- 14 gauge material
- Standard length tolerance $\pm 1/8"$
- Cold formed from hot rolled pickled & oiled strip steel
- Slots on 2" centers



ITEM NO.	DESCRIPTION	STD QTY	U M
19543	1-5/8" x 1-5/8" x 10' Half Slot	500	FT
19544	1-5/8" x 13/16" x 10' Half Slot	500	FT

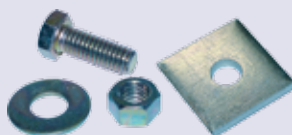
12 Gauge Metal Framing Channels

- Pre-galvanized
- 12 gauge material
- Standard length tolerance $\pm 1/8"$
- Cold formed from hot rolled pickled & oiled strip steel
- Slots on 2" centers



ITEM NO.	DESCRIPTION	STD QTY	U M
19672	1-5/8" x 1-5/8" x 10' Solid	500	FT
19673	1-5/8" x 1-5/8" x 10' Half Slot	500	FT

Strut Hardware



ITEM NO.	DESCRIPTION	STD QTY	U M
19602	3/8" x 1" Bolt	50	EA
19603	1/2" x 1" Bolt	50	EA
19604	3/8" Flat Washer	100	EA
19605	1/2" Flat Washer	100	EA
19606	3/8" Hex Nut	100	EA
19607	1/2" Hex Nut	100	EA
19609	3/8" Flat Fastener (1-1/2")	100	EA
19610	1/2" Flat Fastener (1-1/2")	100	EA

Motor Run Capacitors



Temperature rating -13F to 158F (-25C to 70C)

Aluminium cans with steel covers

Biodegradable, non-polluting oil (non-P.C.B.)

Standard: IEC 252 (1975), UL 810

50/60 Hz

Oval or Round

Single or Dual Capacitance

370 VAC or 440 VAC



See Pages 65 - 68 For More Information

Silicone Sealant

- Permanently flexible -60°F to 400°F
- 100% RTV silicone
- Insulates thermally
- Insulates electrically
- Waterproof seal
- Weatherproof seal

Caulk Cross Reference Numbers		
20080	7-4000	93249
20081	7-4100	93251
20082	7-4200	93252



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
20080	Clear Silicone (9.8 Fl. oz.)	12	600	EA
20081	White Silicone (9.8 Fl. oz.)	12	600	EA
20082	Aluminum Silicone (9.8 Fl. oz.)	12	600	EA

Hi-Temp Silicone Sealant

- 100% RTV Silicone
- Fast Curing
- High Adhesion Strength
- Permanently Flexible
- Excellent Heat Resistance
- 572°F High Temp

Caulk Cross Reference Numbers		
18068	7-4300	93255



ITEM NO.	DESCRIPTION	STD QTY	U M
18068	Red Hi-Temp Silicone (10.5 Fl. oz.)	24	EA

Acrylic Latex Caulk

- Paintable
- Silicone Toughness
- Water Resistant
- Weather Resistant
- Permanently Flexible
- Mold & Mildew Resistant After Cured

Caulk Cross Reference Numbers		
19005	7-4500	93265



ITEM NO.	DESCRIPTION	STD QTY	U M
19005	White Latex Caulk (10.5 Fl. oz.)	24	EA

DAP® Blockade® Fire-Rated Intumescent Acrylic Latex Sealant

- Meets ASTM E-814/UL 1479 specifications
- Intumescent expansion fills void created by combustible materials burned during a fire
- Treats all general firestopping applications for combustible & non-combustible penetrations
- Excellent adhesion to unprimed surfaces
- Red color for easy inspection



ITEM NO.	DESCRIPTION	STD QTY	U M
19699	[18858] DAP Blockade Caulk (Red)	12	EA

3M™ Fire Barrier Sealant CP 25WB+

- A premium elastomeric latex caulk designed for use as a one part fire, smoke, noxious gas, & water sealant for penetrations
- Red color
- No-sag, non-halogen formula
- Fast-drying tack-free in approximately 10-15 minutes
- Paintable
- Up to 4 hours Fire Protection



ITEM NO.	DESCRIPTION	STD QTY	U M
5863	[11638] Fire Sealant 10.1 oz. (Red)	12	EA

BOSS® 125 Multi-Seal Building/Construction Sealant

- VOC compliant in all 50 states
- One-part sealant, no mixing required
- Non-streaking
- Good weatherability
- Paintable with most latex base paints
- Can be used in vertical and horizontal applications



ITEM NO.	DESCRIPTION	STD QTY	U M
20419	10.3 oz BOSS Multi-Seal (White)	12	EA
17769	10.3 oz BOSS Multi-Seal (Gray)	12	EA

Caulking Guns



14006



14008

ITEM NO.	DESCRIPTION	STD QTY	U M
14006	Caulk Gun	10	EA
14008	Deluxe Caulk Gun w/ Cutter & Rotation	18	EA

Polyurethane Expanding Foam

- Seals and fills small cracks, gaps and voids
- Creates a rigid, closed cell barrier against draft, noise, moisture and air infiltration
- Tack free within 10 minutes



ITEM NO.	DESCRIPTION	STD QTY	U M
20417	13 oz HVAC Expanding Foam	12	EA

Fire Block Foam Sealant

- B2 Fire Rated
- UL 723 Classified
- Filling & Insulating Gaps
- Excellent Adhesion



ITEM NO.	DESCRIPTION	STD QTY	U M
20699	13 oz Fire Block Foam Sealant	12	EA

Comparable To Red Devil Fire Block Foam

DAP® Fire Break Flame Resistant Foam Sealant

- Meets UL 1715, UL 94 V-O, modified ASTM E814
- Approved fire block penetration sealant (orange)
- Fills & seals service penetrations
- UL tested
- Class A fire resistant



ITEM NO.	DESCRIPTION	STD QTY	U M
19016	12 oz DAP Fire Break Foam Sealant	12	EA

BOSS® 812 Fire Block Foam

- Will adhere to almost any substrate
- Seals around copper & PVC pipes, conduits, ducting, etc.
- Prevents the spread of smoke & toxic gasses
- Installed in seconds, reducing labor cost by up to 90%
- Specialized 360° Dispensing Can
- CFC Free



ITEM NO.	DESCRIPTION	STD QTY	U M
20421	[812] 12 oz Fire Block Foam	12	EA

Thum-Gum™ Sealing Compound

- Non-hardening putty for larger sealing jobs
- For plugging openings through foundations
- For plugging refrigeration tube entry



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
1003	1 lb Bag Sealing Compound	24	1080	EA
1004	2 lb Box Sealing Compound	20	900	EA

Thum-Gum™ Caulking Cords

- A non-hardening putty
- Seals storm windows
- Great as weather strip
- Seals sink & drain boards
- Application temperature range: 60°F to 100°F



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
1005	3/16" x 100' Caulking Cord	12	300	EA
16923	3/8" x 25' Caulking Cord	12	300	EA

Design Polymerics Duct Sealant

- UL Listed
- Gray in color
- Fiber reinforced
- Crack & peel resistant
- Non-flammable & mildew resistant
- Excellent dry adhesion
- Meets requirements of NFPA 90A & 90B
- Indoor & outdoor usage
- Water based



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14047	[DP1010] 1 Gal Duct Sealant	4	180	EA
14048	[DP1020] 1/12 Gal Duct Sealant	25		EA
14049	[DP1020] 1 Gal Duct Sealant	4	180	EA
14058	[DP1030] 1 Gal Duct Sealant	4	180	EA

Design Polymerics 1090 Duct Sealant

- LEED Qualified, Low VOC
- UL Classified
- California Compliant
- Indoor and Outdoor Usage
- 5 cycles of freeze/thaw with no deterioration
- 0°F to 110°F application temperature
- Meets Requirements of NFPA 90A & 90B, ASTM E-84, and UL-723



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14063	[DP1090] 1 Gal Duct Sealant	4	180	EA

Convactor Pan Sealant

- Non-Chlorinated
- Seals Out Rust and Corrosion
- Rubberized Flexible Coating



ITEM NO.	DESCRIPTION	STD QTY	U M
14090	Convactor Pan Sealant 16 oz.	12	EA

Cold Zinc Galvanize

- Corrosion Proof Coating
- Bonds to Metal Preventing Rust



ITEM NO.	DESCRIPTION	STD QTY	U M
14091	Cold Zinc Galvanize 13 oz.	12	EA

Cold Pipe Insulation

- Durable, Flexible, & Water Resistant
- Adheres To: Stainless Steel, Black Iron, Copper, Brass,
- Galvanized and PVC
- May be Painted When Dry



ITEM NO.	DESCRIPTION	STD QTY	U M
14089	Cold Pipe Insulation 15 oz.	12	EA

Design Polymerics Spray Adhesive

- Pressure sensitive
- Permanent, fast drying
- Non-misting
- No CFC's & VOC Compliant



ITEM NO.	DESCRIPTION	STD QTY	U M
16188	[DP77] 12 oz. Aerosol Spray Adhesive	12	EA

Sprayway® Fast Tack General Purpose Web Adhesive

- Can be used for both temporary & permanent bonding applications
- Waterproof, flexible, transparent, & non-staining
- Ideal for porous or non-porous substrates
- Contains no chlorinated solvents



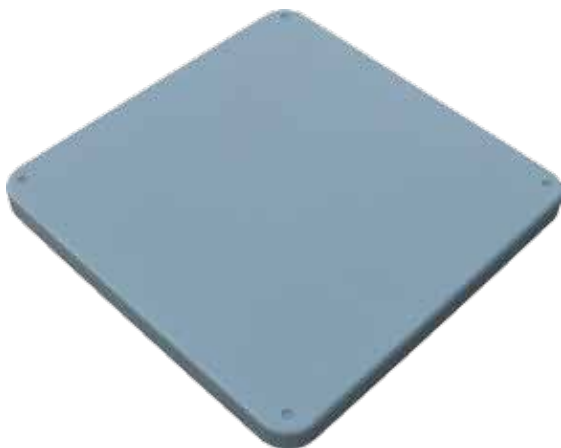
ITEM NO.	DESCRIPTION	STD QTY	U M
19522	[SW085] Web Spray Adhesive 12 oz	12	EA

Enamel Spray Paint

- Interior & exterior use
- For wood & metal
- Up to 25 sq ft coverage



ITEM NO.	DESCRIPTION	STD QTY	U M
20950	Gloss Black Spray Paint 10 oz.	12	CN
20951	Flat Black Spray Paint 10 oz.	12	CN
20952	Gloss White Spray Paint 10 oz.	12	CN
20953	Flat White Spray Paint 10 oz.	12	CN



Equipment Pads

Lightweight, 30 x 30 x 3 pad weighs only 10 lbs

Strong high density polyethylene construction

Textured top to prevent slipping

Corner tabs help keep pads stacked

See Page 3 For Sizes Available!

Zoom-Spout™ Oiler

- Special telescoping spout lubricates hard-to-reach areas| up to 7 inch away
- Premium, turbine grade oil is excellent for all general purpose lubricating
- Turbine oil is rust & oxidation inhibited, carbon free, & non-detergent



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
40019	4 oz. Zoom Spout™ Oiler	12	72	EA

3-In-One® Oil

- Lubricates, cleans & prevents rust
- Drip tip for precise control
- Item #18054 is a special blend for 1/4 hp or larger motors



ITEM NO.	DESCRIPTION	STD QTY	U M
18051	3 oz. 3-In-One Multi-Purpose Oil	24	EA
18052	8 oz. 3-In-One Multi-Purpose Oil	12	EA
18054	3 oz. 3-In-One Motor Oil	24	EA

Grease Gun Cartridges

- Resists heat, repels water, prevents wear
- Long lasting, high performance, hard working
- Recommended for chassis & universal joint applications, as well as general purpose around home, farm, or shop



ITEM NO.	DESCRIPTION	STD QTY	U M
19823	3 oz. Grease Cartridge (3/Display Pack)	12	PK
19824	14 oz. Grease Cartridge	10	EA

Vacuum Pump Oil



ITEM NO.	DESCRIPTION	STD QTY	U M
17429	[90018-6] 18 oz. Vacuum Pump Oil	6	EA

WD-40®

- Lubricates to allow smooth operation
- Penetrates to loosen rusted or sticky parts
- Displaces moisture to prevent electrical problems
- Never lose the straw again with "Smart Straw™"



ITEM NO.	DESCRIPTION	STD QTY	U M
20213	8 oz. "Smart Straw™" Spray Can WD-40	12	EA
20214	11 oz. "Smart Straw™" Spray Can WD-40	12	EA
18048	16 oz. Spray Can WD-40	12	EA
18049	1 gal. Can WD-40	4	EA

Rust Buster™

- Reach hard-to-reach places
- Squeeze bottle action, contents always visible
- Contains no acid, alkali or harsh ingredients
- Frees & loosens screws, nuts, bolts, shafts, bushings etc.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
40020	4 oz. Rust Buster	12	72	EA

WD-40® Rust Release Penetrant Spray

- Extra-penetrating Blu Torch™ Technology
- Fast-acting
- Ideal for use on nuts, bolts, threads and locks
- 50-state VOC compliant



ITEM NO.	DESCRIPTION	STD QTY	U M
18296	[300004] 11 oz. Penetrant Spray	6	EA

WD-40® Water Resistant Silicone Lubricant

- Lubricates, waterproofs and protects
- Quick-drying with no messy residue
- Safe to use on rubber, vinyl and plastic
- 50-state VOC compliant



ITEM NO.	DESCRIPTION	STD QTY	U M
18293	[300011] 11oz Silicone Lubricant	6	EA

WD-40® Protective White Lithium Grease

- Long-lasting lubrication and protection
- Won't freeze, melt or run off
- Ideal for metal-to-metal applications
- 50-state VOC compliant



ITEM NO.	DESCRIPTION	STD QTY	U M
18295	[300028] 10 oz Lithium Grease	6	EA

Penetrant Lubricant

- Non-Chlorinated
- Non-Flammable
- Penetrates, Cleans, and Frees Frozen Fittings
- Leaves Protecting, Non-Drying, Waterproof Film
- Dries Out Electrical Equipment
- 39,000 Volt Dielectric Strength



ITEM NO.	DESCRIPTION	STD QTY	U M
14095	Penetrant Lubricant 14 oz.	12	EA

LA-CO® Epoxy Stik®

- Withstands temperatures up to 250°F (121°C)
- Hardens in 5-10 minutes and cures fully in 24 hours
- Can be applied under water for submerged pipe leaks
- Drill, tap, file, saw, sand, or paint in one hour
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
18561	[19571] 4 oz. Epoxy Stik	24	EA

LA-CO® Heat-Seal Stik®

- Sealing temperature: up to 350°F (177°C)
- Pressure: to 600 PSI (41 BAR)
- Repair pinhole leaks
- No mixing of epoxy compounds
- Fast repairs completed in 90 seconds



ITEM NO.	DESCRIPTION	STD QTY	U M
16153	[11575] Heat Seal Stik 3/8 oz.	12	EA
17271	[11577] Heat Seal Stik 3/8 oz. (Display)	12	EA

Alum Bond

- Each box contains Hardener & Resin
- Aluminum filled epoxy specially formulated for repairing condenser coils, tanks, valves, pumps, castings, water jackets, radiators, etc.
- Anywhere non-rusting, non-magnetic aluminum finish is desired



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20255	[90935-12] Alum Bond	1	12	EA

LA-CO® Regular Flux Paste

- Water-soluble paste won't leave residue in water piping
- Meets industry standard ASTM B813 and contains no zinc chloride to reduce corrosion concerns
- Non-acid, non-toxic, & lead-free
- Cleans pipe, allowing solder to run smoothly
- All-weather formula for use in hot & cold climates



ITEM NO.	DESCRIPTION	STD QTY	U M
16154	[22101] Regular Flux Paste 2 oz.	48	EA
16155	[22104] Regular Flux Paste 4 oz.	48	EA
16247	[22107] Regular Flux Paste 1 lb	24	EA

LA-CO® Silver Brazing Flux

- Temperature range: 1000°F to 1700°F (538°C to 927°C)
- Powerful cleaning action reduces waste of expensive silver solders
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
16157	[22302] Silver Brazing Flux Paste 2 oz.	48	EA



Copper Fittings See Pages 16 -19

LA-CO® Cool Gel® Heat Barrier Spray

- Protects lead free valves during soldering
- Protects components & materials during soldering
- Gelled formula, no dripping or running off
- Clear, non-staining gel leaves no residue, eliminating cleanup
- Safe, non-toxic, harmless to skin, & odorless
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
18755	[11509] Cool Gel, 1 Quart Spray	12	EA

Protect Anti-Heat Gel

- Safe and non-toxic
- Absorbs the heat from the welding or soldering torch
- Protects components and materials during welding operations
- Gel formula that adheres to the surface to be protected without drip, stain or leave residue



ITEM NO.	DESCRIPTION	STD QTY	U M
1141	[TR1141.K.01] 34 oz. Protect Gel	6	EA

Stop Heat Absorption Putty

- Simple to use, mix and re-use
- Safe and non-toxic
- Absorbs heat emanated from soldering or brazing
- Does not drip or slip and is reusable
- Blocks direct heat up to 3000° F



ITEM NO.	DESCRIPTION	STD QTY	U M
1173	[TR1173.01] 16 oz. Stop Heat Putty	12	EA

LA-CO® Bloc-It® Heat Absorbing Paste

- Absorbs heat effectively, protecting adjoining surfaces from heat damage
- Safe, non-toxic, no asbestos, harmless to skin, & odorless
- Easy application & cleanup; non-staining
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
16161	[11511] Heat Absorbing Paste 10 oz.	24	EA

LA-CO® Visu-Glow® Leak Detector

- Temperature range: 15°F to 200°F (-9°C to 93°C)
- Built-in dauber and high viscosity allow for easy application
- Highly visible fluorescent color shows brightly, even in dimly lit places
- Non-corrosive, non-toxic, safe for oxygen
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
16164	[32898] Visu-Glow Leak Detector 8 oz.	24	EA

LA-CO® Sure-Chek™ Leak Detector

- All-temperature formula: -55°F to 200°F (-48°C to 93°C)
- Handy spray bottle allows for easy, targeted application
- Ultra-sensitive long lasting bubbles for easy leak identification
- Non-corrosive, non-toxic, safe for oxygen
- Made in U.S.A.



ITEM NO.	DESCRIPTION	STD QTY	U M
16166	[32850] Sure-Chek Leak Detector 1 pt	24	EA

Best Bubbles Flou Leak Detector

- Ready to use
- Operating temperature -104°F to 176°F (-40°C to 80°C)
- Great power of adherence to surfaces
- Visible when exposed to any UV Light



ITEM NO.	DESCRIPTION	STD QTY	U M
1161	[TR1161.K.01] 34 oz. Best Bubbles Flou	6	EA

Brilliant UV Leak Dye

- Precisely locate Refrigerant Gas Leaks
- Solvent-free
- Visible to any UV Light
- Will not clog AC/R or Recovery System
- Compatible with all Refrigerant Gases



ITEM NO.	DESCRIPTION	STD QTY	U M
1058	[TR1054.01.P1] .25 oz. Brilliant Dye	25	EA

Brilliant Dye Remover

- Removes any trace of leak detector dye
- Avoids any subsequent false localization of leaks



ITEM NO.	DESCRIPTION	STD QTY	U M
1108	[TR1108.K.01] 34 oz. Brilliant Remover	6	EA

A/C Leak Freeze™

- Can be mixed with refrigerant gas: R11, R12, R13, R14, R22, R23, R123, R124, R134a, R141b, R404a, R407c, R410a, R502, R503, R507, & R600
- Permanently seals leaks in A/C & refrigeration systems
- Continues to seal additional Leaks for up to 1 year
- Does not contain polymers
- Not activated by moisture or oxygen
- Tested to be non-clogging to A/C compressor & recovery unit
- 1.5 oz. tube works for units up to 6 ton



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20644	[45312] 1.5 oz. Leak Freeze w/1/4" Adapter	1	24	EA
20648	1.5 oz. Leak Freeze w/5/16" Adptr	1	24	EA
20646	[45311] 1.5 oz. Leak Freeze	1	90	EA
20663	[45344] 1/4" Adapter	5		EA

A/C Leak Freeze™ with Magic Frost

- Can be mixed with refrigerant gas: R11, R12, R13, R14, R22, R23, R123, R124, R134a, R141b, R404a, R407c, R410a, R502, R503, R507, & R600
- Permanently seals leaks in A/C & refrigeration systems
- Continues to seal additional Leaks for up to 1 year
- Does not contain polymers
- Not activated by moisture or oxygen
- Tested to be non-clogging to A/C compressor & recovery unit
- Extends compressor life & reduces noise
- Improves A/C system lubrication & reduces friction
- Cleans & revitalizes the A/C system
- Enhances the performance of older A/C systems
- 1.5 oz. tube works for units up to 6 ton



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20645	[45322] 1.5 oz. Leak Freeze MF w/1/4" Adpt	1	24	EA
20649	1.5 oz. Leak Freeze MF w/5/16" Adpt	1	24	EA
20647	[45321] 1.5 oz. Leak Freeze MF	1	90	EA
20663	[45344] 1/4" Adapter	5		EA

AC SmartSeal™

- 1/4" & 5/16" flex hose adapters included
- 3-in-1 with cool enhancer & UV dye
- Non-flammable & non-toxic
- Compatible with all refrigerants
- Polymer free
- Approved by OEM's
- Ideal for preventing refrigerant Leaks or direct repairs
- Permanently seal leaks of refrigerant in AC & refrigeration systems
- Not activated by oxygen or moisture
- Non-clogging of all Components
- 2 oz. tube treats up to 8 ton units



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
41916	[318BP] Cartridge/Hose Adapters	1	20	EA
65087	[318] 2 oz. Cartridge Only	1	20	EA

AC SmartSeal™ QuickShot™

- System pump down not required
- 3-in-1 with cool enhancer & UV dye
- Non-flammable & non-toxic
- Compatible with all refrigerants
- Polymer free
- Approved by OEM's
- Ideal for preventing refrigerant Leaks or direct repairs
- Permanently seal leaks of refrigerant in AC & refrigeration systems
- Not activated by oxygen or moisture
- Non-clogging of all Components
- 2 oz. tube treats up to 6 ton units



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20258	[322BP] Cartridge/Injection Hose	1	20	EA
30790	[322] .2 oz. Cartridge Only	1	20	EA

AC Leak Freeze™ R

- Permanently seals leaks in appliances
- Does not contain polymers
- Not activated by moisture or oxygen
- Ideal for preventive maintenance and leak protection
- Tested to be non-clogging to compressors, recovery units, schrader valves, cap tubes, TXV valves, micro channels, evacuation equipment & gauges
- Suitable for use in copper & aluminum coils
- Continues to seal additional leaks for no less than 1 year



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20653	[45301] LF for Appliances Cartridge Only	1	90	EA
20654	[45302] LF for Appliances With Adapter	1	24	EA

AC SmartSeal™ External Sealer

- Leak stop suitable for any material
- Does not react to temperature changes
- Effectively seals leaks up to 5mm and 825 psi
- Suitable for all materials
- Inert to all lubricants and refrigerant gases
- Easily applied by using fingers, & once applied, becomes a permanent seal
- No flame, no mess in the permanent seal



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
80599	[210] .7 oz. External Sealer	1	60	EA

AC SmartShot™ Cool Enhancer

- 1/4" & 5/16" adapters included
- Improves coil heat transfer up to 70%
- Increases cooling capacity by 20-30%
- Produces colder air – Up to 5°F
- In heat-pump mode produces hotter air – Up to 5°F
- Increases the lubricity of compressor lubricant up to 54%
- Dissolves sludge buildup on bearing and valve surfaces
- Extends life of system by 20-50%
- Visible to any UV light
- Performance enhancer composed of two catalysts & a lubricating agent which enable the AC/R to work at maximum efficiency



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
96004	[410] .2 oz. SmartShot	1	20	EA

No-Acid Acid Neutralizer

- Neutralizes the acid in the A/C system
- Extends the life span of the compressor
- Prevents future acid formations
- Compatible with all oils and refrigerants
- Half the dose needed versus other brands



ITEM NO.	DESCRIPTION	STD QTY	U M
1175	[1175] .2 oz. No-Acid Neutralizer	20	EA

Universal Acid Test Kit

- Works with all Lubricants (POE - ABZ - PAO - PAG - PVE - Mineral)
- Accurate results in seconds
- Biodegradable, Non-toxic, and Non-hazardous
- Inexpensive (compared to laboratory Acid Tests)
- The Plastic Box contains 4 Tests



ITEM NO.	DESCRIPTION	STD QTY	U M
1349	[RK1349.S1] Acid Test Kit (4 Tests)	12	EA

Evo Tabs

- Evaporator cleaner in dissolving tablets
- Each tablet produces one gallon of cleaning product
- Tablets can easily be dissolved in any kind of water, the formula eliminates calcareous excess & does not leave halos
- Significant de-greasing & purifying power
- PH levels 0-7.2
- Rinsing not needed for Evo Tabs



ITEM NO.	DESCRIPTION	STD QTY	U M
1089	Evo Tabs (18/TB)	1	TB

Alkaline Tabs

- Condenser cleaner in dissolving tablets
- Each tablet produces one gallon of cleaning product
- Tablets can easily be dissolved in any kind of water, the formula eliminates calcareous excess & does not leave halos
- Significant de-greasing & purifying power
- PH levels 7.2-14
- Rinsing needed



ITEM NO.	DESCRIPTION	STD QTY	U M
1221	Alkaline Tabs (18/TB)	1	TB

Acid Tabs

- Cleaner for condensers in dissolving tablets
- Each tablet produces one gallon of cleaning product
- Tablets can easily be dissolved in any kind of water, the formula eliminates calcareous excess & does not leave halos
- Significant de-greasing & purifying power
- PH levels 0-7.2
- Rinsing needed



ITEM NO.	DESCRIPTION	STD QTY	U M
1102	Acid Tabs (18/TB)	1	TB

Foaming Action Coil Cleaner

- Water Based
- Self-Rinsing
- Effectively Removes Grease, Oil, and Water Deposits from Evaporator Coils and Fins



ITEM NO.	DESCRIPTION	STD QTY	U M
14093	Foaming Coil Cleaner 18 oz.	12	EA

Penetrating Coil Cleaner

- Delayed foam action
- Non-acid, non-chlorinated, alkaline surfactant
- Dual foaming action expands and flushes coils
- Deodorizes drain pans
- Reaches hard to get areas



ITEM NO.	DESCRIPTION	STD QTY	U M
18299	[C1] Penetrating Coil Cleaner 19 oz.	12	EA

Chinook Filter Cleaner

- Indoor Units Filter Cleaner
- Fast-acting and effective scented chemical product
- Removes dust, smog and mold accumulated over time



ITEM NO.	DESCRIPTION	STD QTY	U M
1077	[AB1077.K.01] 34 oz. Chinook	6	EA

Foaming Cleaner & Degreaser

- All-Purpose
- Water-Based
- Thick Foam Clings to Vertical Surfaces
- Breaks Down Grease and Soils



ITEM NO.	DESCRIPTION	STD QTY	U M
14092	Foaming Cleaner & Degreaser 19 oz.	12	EA

Contact Cleaner

- Quick-Drying
- Electrical Grade
- Residue-Free
- Plastic-Safe
- 41,000 Volt Dielectric Strength



ITEM NO.	DESCRIPTION	STD QTY	U M
14094	Contact Cleaner 16 oz.	12	EA

No Age Condenser Treatment

- Protective-Anticorrosive Treatment for Condensers
- Easy to use
- Safe for operator and materials
- Extends the life of the condenser



ITEM NO.	DESCRIPTION	STD QTY	U M
1100	[AB1100.K.01] 34 oz. No Age	6	EA

Emerald Tabs for Drains

- High level of biodegradability (more than 99%)
- Prevents the putrefaction process of the condensate
- Prevents the formation of algae, mucilage, & molds
- Prevents the clogging of condensate drain pipes



ITEM NO.	DESCRIPTION	STD QTY	U M
1098	[AB1098.01] Mini Emerald (100/Tabs)	6	PK
1099	[AB1099.01.JA] Emerald Tabs (18/Tabs)	12	PK

Ream Power Unclogger® Drain Opener

- Environmentally friendly / Biodegradable
- Thermo-chemical drain opener
- Citrus scented
- Destroys the main cause of slow moving & blocked drains
- Will not harm pipe or fittings
- USDA Authorized for use in Federally Inspected Meat & Poultry facilities
- Safe for use in Septic Tanks



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16500	Ream Power Unclogger	1	12	EA

GOJO® Lemon Hand Cleaner

- Contains no harsh solvents
- Lemon fresh scent
- Available both plain or with Pumice
- Formulated with Vitamin E, Lanolin & Aloe



ITEM NO.	DESCRIPTION	STD QTY	U M
13957	22 oz. Can, Creme Type, Pumice	12	EA
17556	22 oz. Tube Lemon Creme	12	EA
13958	4.5 lb Can, Creme Type, Pumice	6	EA

GOJO® Original Hand Cleaner

- The original formula
- Conditions & protects hard-working hands
- Fortified with lanolin & other emollients
- Cleans with or without water



ITEM NO.	DESCRIPTION	STD QTY	U M
13152	14 oz. Plastic Can, Creme Type	12	EA
13110	4.5 lb Plastic Can, Creme Type	6	EA

GOJO® Natural Orange Hand Cleaner

- Petroleum-free citrus formula
- Fast cleaning lotion
- Lanolin, aloe & jojoba for skin care



ITEM NO.	DESCRIPTION	STD QTY	U M
15217	1/2 gal Pump Bottle w/ Pumice	6	EA
17555	1/2 gal Pump Bottle	6	EA
17751	14 oz. Bottle	12	EA
17752	14 oz. Bottle w/ Pumice	12	EA

GOJO® Fast Wipes®

- Blue 9" x 10" towel
- Orange citrus cleaning formula
- Fast Wipes remove most grease & grime right at the job sight



ITEM NO.	DESCRIPTION	STD QTY	U M
17901	60 Count Fast Wipes Film Pack	6	EA
17903	130 Count Fast Wipes Bucket	4	EA
17904	225 Count Fast Wipes Bucket	2	EA

LA-CO® Lifter® Wipes

- Smooth side for gentle cleaning, rough side for hard-to-clean
- Tear-resistant for heavy duty cleaning jobs
- No residue left behind and no drying necessary
- Removes heavy grease, oils, tar, asphalt, inks, lubricants, adhesives, & many other hard-to-remove materials



ITEM NO.	DESCRIPTION	STD QTY	U M
19798	[72405] 70 Count Lifter Wipes	6	EA

Multi-Purpose Hand Cleaning Wipes

- Industrial Strength Degreaser
- Gentle to Skin
- No Rinsing, No Residue
- Won't Scratch Surfaces or Hands
- Citrus Scent
- 9.5" x 12" Pre Moistened Wipes



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14088	Hand Cleaning Wipes (70/PK)	1	6	EA

Lava® Bar Soap

- The original heavy-duty hand cleaner
- Pumice-powered
- Removes: grease, grime, oil, adhesives, paint, etc.



ITEM NO.	DESCRIPTION	STD QTY	U M
18943	5.75 oz. Lava Bar (Display Box)	24	EA

Purell® Instant Hand Sanitizer

- Contains 62% ethyl alcohol, a highly effective antimicrobial
- Leaves no sticky or tacky residue
- Has a pleasant fragrance
- Formulated with moisturizers; increases skin hydration
- Hospital & dermatologist tested; hypoallergenic
- Reduces skin irritation caused by frequent washing & gloving
- CHG & latex compatible



ITEM NO.	DESCRIPTION	STD QTY	U M
20132	12 oz. Purell Instant Hand Sanitizer	12	EA

Foam Tape

- A superior self-adhesive foam insulating tape
- It is easily cut & molded
- Works on both hot & cold pipes
- Works well around valves & fittings
- Temperature range: -83°F to 239°F



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
1007	1/8" x 2" x 30' Roll Foam Tape	12	480	RL

Cork Insulation Tape

- Supplied on easy to use rolls
- Adheres firmly to all metals
- Can be used on hot or cold pipes
- Won't dry or crack
- Stops condensation & drips
- Temperature range: -30°F to 185°F



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
1006	1/8" x 2" x 30' Cork Insulation Tape	12	240	RL

Venture Tape® 1581A Aluminum Foil Tape UL-181A-P

- Typical usage - sealing fiberglass ductboard
- 2.2 psi indefinite sheer strength
- 66 oz/in peel adhesion
- 25 lb/inch width tensile strength
- Application temperatures:
-20°F (-29°C) to 260°F (127°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18317	2.5" x 60 yds Gray Alum Foil Tape	20	EA
18318	3" x 60 yds Gray Alum Foil Tape	16	EA

Venture Tape® 1599B Aluminum Foil Tape UL 181B-FX

- Typical usage - sealing flexible ducts
- 2.2 psi indefinite sheer strength
- 41 oz/in peel adhesion
- 22 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 260°F (127°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18319	2" x 120 yds Flex Duct Tape - Silver	24	EA
18320	2" x 120 yds Flex Duct Tape - Black	24	EA
18321	3" x 120 yds Flex Duct Tape - Silver	16	EA
18322	3" x 120 yds Flex Duct Tape - Black	16	EA

Venture Tape® 1520CW Aluminum Foil Tape

- Typical usage - sealing sheet metal & fiberglass ducts
- 2.2 psi indefinite sheer strength
- 96 oz/in peel adhesion
- 27 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 260°F (127°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18314	2" x 50 yds Gray Alum Foil Tape	24	EA
18316	3" x 50 yds Gray Alum Foil Tape	16	EA

Foil Duct Tape

- White kraft release paper
- 14°F to 176°F (-10°F to 80°F)



ITEM NO.	DESCRIPTION	STD QTY	U M
18072	2" x 50 yds Foil Duct Tape	24	EA
18073	3" x 50 yds Foil Duct Tape	16	EA

Venture Tape® 3243 High Temperature Foil Tape

- High temperature
- 85 oz/in peel adhesion
- 27 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 460°F (238°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18339	3" x 50 yds Silver High Temp Foil Tape	16	EA

Venture Tape® 3520CW Foil Insulation Tape

- UL723 Listed
- 100 oz/in peel adhesion
- 34 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 300°F (149°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18335	2" x 50 yds Silver Foil Insulation Tape	24	EA
18336	3" x 50 yds Silver Foil Insulation Tape	16	EA

Venture Tape® 1580 Printed UL181B-FX Mastik Tape

- 112 oz/in peel adhesion
- 20 lb/inch width tensile strength
- Application temperatures:
-20°F (-29°C) to 200°F (93°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18340	2" x 100 ft Silver Duct Joint Tape	24	EA
18341	3" x 100 ft Silver Duct Joint Tape	16	EA

Venture Tape® 1525CW FSK Foil Kraft Tape

- Sealing fiberglass blanket & ductboard FSK faced
- 2.0 psi indefinite sheer strength
- 92 oz/in peel adhesion
- 40 lb/inch width tensile strength
- Application temperatures:
-25°F (-32°C) to 175°F (80°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18323	3" x 50 yds Foil Kraft Tape - Silver	16	EA

Venture Tape® 1507 Line Set Tape

- UV resistant polypropylene tape
- 41 oz/in peel adhesion
- 22 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 260°F (127°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18333	2" x 60 yds Silver Line Set Tape	24	EA
18334	2" x 60 yds Black Line Set Tape	24	EA
18342	2" x 60 yds White Line Set Tape	24	EA

Venture Tape® 1577CW Cooler Repair Tape

- Repairs coolers & refrigerated display cases leaks
- 55 oz/in peel adhesion
- 68 lb/inch width tensile strength
- Application temperatures:
-35°F (-37°C) to 300°F (149°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18337	4" x 15 yds Silver Cooler Repair Tape	12	EA
18338	4" x 15 yds White Cooler Repair Tape	12	EA

Cloth Duct Tape

- Hot melt based



ITEM NO.	DESCRIPTION	STD QTY	U M
18070	2" x 60 yds Gray Cloth Duct Tape	24	EA
18071	2" x 60 yds Black Cloth Duct Tape	24	EA

Venture Tape® 1500 Cloth Duct Tape

- Typical usage - sealing metal ductwork
- 2.2 psi indefinite sheer strength
- 34 oz/in peel adhesion
- 34 lb/inch width tensile strength
- Application temperatures: 40°F (4°C) to 175°F (80°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
18311	2" x 60 yds Gray Cloth Duct Tape	24	EA
18312	2" x 60 yds Black Cloth Duct Tape	24	EA

Carton Sealing Tape

- 2 inch nominal width, 109 yard length
- Clear



ITEM NO.	DESCRIPTION	STD QTY	U M
14064	2" x 109 yds Carton Sealing Tape	36	RL

Carton Tape Dispenser

- For 2 inch carton tape



ITEM NO.	DESCRIPTION	STD QTY	U M
16337	Tape Dispenser For 2" Carton Tape	1	EA

Scotch® Super 33+ Electrical Tape

- UL Listed; UL 510 Standard
- CSA Certification; Standard C22.2 No.197-M1983
- Pressure-sensitive rubber based adhesive
- Compatible with rubber & synthetic splicing compounds, as well as epoxy & polyurethane resins
- For indoor or outdoor applications



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13945	Super 33+, 3/4" x 66', 7 Mil Black Tape	10	100	RL

Premium 750 Electrical Tape

- UL Listed 362K
- CSA Listed LR32041
- Flame retardant
- Cold and Sunlight resistant



ITEM NO.	DESCRIPTION	STD QTY	U M
12552	3/4" x .007" x 66' Black Electrical Tape	48	RL

Comparable To Super 33+ Electrical Tape

Scotch® 35 Vinyl Electrical Color Coding Tape

- UL Listed - UL 510 Standard
- CSA Certification; Standard C22.2 No. 197-M1983
- RoHS Compliant 2002/95/EC
- Color coding for phase identification, job identification & safety insulating electrical wiring
- Protecting electrical conductors, motor leads & piping from moisture, alkalis, acids, corrosion, abrasion & weather



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14117	3/4" x 66' Red Electrical tape	10	100	RL
14118	3/4" x 66' White Electrical tape	10	100	RL
14119	3/4" x 66' Blue Electrical tape	10	100	RL
14120	3/4" x 66' Green Electrical tape	10	100	RL
14121	3/4" x 66' Yellow Electrical tape	10	100	RL
14122	3/4" x 66' Orange Electrical tape	10	100	RL

Scotch® Super 88 Electrical Tape

- UL Listed; UL 510 Standard
- CSA Certification; Standard C22.2 No. 197-M1983
- RoHS Compliant 2002/95/EC
- Pressure-sensitive rubber-based adhesive
- For indoor or outdoor applications



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14086	Super 88, 3/4" x 66', 8.5 Mil Black Tape	10	100	RL

Premium 850 Electrical Tape

- UL Listed 362K
- CSA Listed LR32044
- Flame retardant
- Cold and Sunlight resistant



ITEM NO.	DESCRIPTION	STD QTY	U M
13250	3/4" x .085" x 66' Black Electrical Tape	48	RL

Comparable To Super 88 Electrical Tape

3M™ Temflex™ Vinyl Electrical Tape

- UL Listed; UL 510 Standard
- CSA Certification; Standard C22.2 No. 197-M1983
- RoHS Compliant 2002/95/EC
- Rated up to 600 volts
- For indoor or outdoor applications



ITEM NO.	DESCRIPTION	STD QTY	U M
15060	[69764] Temflex 3/4" x 60' Black Tape	100	EA

P.V.C. Electrical Tape

- UL Listed
- High quality all-purpose black vinyl 7 mil
- Maximum voltage: 600 volts
- Maximum temperature: 176° F / 80° C



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13229	3/4" x 60' Black Electrical Tape	10	200	RL

Scotch® 130C Linerless Electrical Tape

- Linerless, self-bonding, insulating tape
- Rated through 69 kV
- High thermal conductivity
- Insulate splices & terminate cables whose overload temperatures can reach 130°C
- Stable over wide application temperature range
- Weather resistant



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16089	130C Splicing Tape 3/4" x 30', 30 Mil	1	24	RL

P.T.F.E. Thread Tape

- Meets Mil. Spec. T-27730A
- Pressures: to 2,000 PSI
- For use with solvents, chemicals, oxygen, & on food lines



ITEM NO.	DESCRIPTION	STD QTY	U M
16147	1/2" x 260" Low Density Thread Tape	100	RL
13219	1/2" x 520" Low Density Thread Tape	100	RL
16148	3/4" x 260" Low Density Thread Tape	70	RL
16149	3/4" x 520" Low Density Thread Tape	70	RL
18491	1" x 520" Low Density Thread Tape	50	RL

High Density P.T.F.E. Thread Tape

- High density
- Meets Mil. Spec. T-27730A
- Pressures: to 2,000 PSI
- For use with solvents, chemicals, oxygen & on food lines



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18480	1/2" x 260" High Density Thread Tape	10	100	RL
18481	1/2" x 520" High Density Thread Tape	12	600	RL

Yellow Gas Line P.T.F.E. Thread Tape

- Color-coded yellow for gas line usage
- Seals pipe threads for all types of service
- Non-toxic
- Permits easy disassembly, even after years of service



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18482	1/2" x 260" Yellow Thread Tape	10	50	RL

Enforcer® Wasp & Hornet Killer

- Shoots a 22 foot blast
- Instant knockdown
- Quick kill
- Non-conductive to 47,300 volts



ITEM NO.	DESCRIPTION	STD QTY	U M
13142	[473] 16 oz. Wasp & Hornet Killer	12	EA

Enforcer® Wasp & Yellow Jacket Foam

- Kills wasps, hornets & yellow jackets
- 22 foot blast
- Blanketing foam that plugs yellow jacket holes & clings to wasp & hornet nests, preventing their escape
- DO NOT USE IN OR AROUND ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD



ITEM NO.	DESCRIPTION	STD QTY	U M
17681	[428] 16 oz. Wasp & Yellow Jacket Foam	12	EA

Coleman® DEET Free Insect Repellent

- DEET Free insect repellent formula proven to be as or more effective than DEET, Picaridin and other common repellents
- Proven effective against mosquitoes and ticks for up to 8 hours
- Odorless, fast drying formula
- Can be safely used on infants and children



ITEM NO.	DESCRIPTION	STD QTY	U M
18556	[7476] 6 oz. DEET Free Insect Repellent	6	EA

Coleman® Insect Repellent

- 25% DEET formula
- Provides up to 8 hours of protection
- Repels mosquitoes, gnats, chiggers, ticks, black flies, & fleas
- Long-lasting, unscented protection
- Non-greasy and resists perspiration
- Aerosol spray



ITEM NO.	DESCRIPTION	STD QTY	U M
18553	[7516] 4 oz. Insect Repellent	12	EA

Coleman® 100 Max Insect Repellent

- 100% DEET formula
- Provides longest protection available- up to 10 hours
- For severe conditions with heavy insect activity
- Repels mosquitoes, gnats, chiggers, ticks, flies, & fleas
- Pump spray



ITEM NO.	DESCRIPTION	STD QTY	U M
18555	[748] 1 oz. Insect Repellent	12	EA

STANDARDS & BASES
 EQUIPMENT
 DRAIN PLUMBING
 CONDENSATE
 & CHEMICALS
 SEALANTS LUBES
 VENTING
 ELECTRONICS &
 ELECTRICAL
 TOOLS
 MISCELLANEOUS
 INDEX

Duct/Booster Fans

- Solves air delivery problems without major system rework or expense
- Can be installed at any angle
- Free Air CFM / Max Boost CFM



ITEM NO.	DESCRIPTION	STD QTY	U M
13033	6" Duct/Booster Fan - CFM 180/280	4	EA
13034	8" Duct/Booster Fan - CFM 275/400	4	EA
13035	10" Duct/Booster Fan - CFM 300/650	2	EA
13036	12" Duct/Booster Fan - CFM 650/800	2	EA

2-Speed Booster Fans

- Solves air delivery problems without major system rework or expense
- Can be installed at any angle
- Engineered for maximum boost and quiet operation
- Saves on utility bills year round
- UL listed / ETL listed (except 16113 ETL only)



ITEM NO.	DESCRIPTION	STD QTY	U M
16111	[DB306E] 6" Fan - CFM FA 160/180 MB 300	6	EA
16112	[DB308E] 8" Fan - CFM FA 210/250 MB 600	4	EA
16113	[DB310E] 10" Fan - CFM FA 300/460 MB 900	2	EA

Ductstat® Plug-In Thermostat™

- Automatic on/off control for booster fans
- Temperature range: 40° F (4° C) to 110° F (43° C)
- 5 Amp maximum load, replaceable 5 Amp fuse



ITEM NO.	DESCRIPTION	STD QTY	U M
14158	[DS100] Ductstat Plug-In Thermostat	1	EA

Motorized Dampers

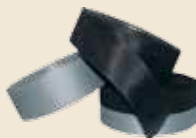
- Safe, low voltage wiring
- UL listed
- Tremendous energy saver
- Free-wheeling coupling between motor & damper shaft for long life
- Normally closed



ITEM NO.	DESCRIPTION	STD QTY	U M
14154	[ZC206] 6" Motorized Damper	1	EA
14155	[ZC208] 8" Motorized Damper	1	EA
14156	[ZC210] 10" Motorized Damper	1	EA
14157	[ZC212] 12" Motorized Damper	1	EA

Polypropylene Webbing Strap

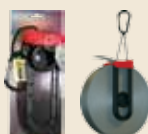
- For hanging flex-duct, etc.
- ± 1/16" Width / .024" thick ±.005"
- Flame Spread Index:5
- Smoke Developed Index:30



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14932	1-3/4" Nominal Black (300' Roll)	24	480	EA
16095	1-3/4" Nominal Silver (300' Roll)	24	480	EA
16105	3" Nominal Black (300' Roll)	8	224	EA
16096	3" Nominal Silver (300' Roll)	8	224	EA

Webbing Strap Dispenser

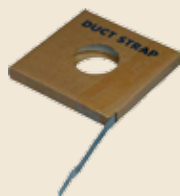
- Fast & easy to use
- Belt hook for easy carrying
- Holds roll tight - no unrolling



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14998	Webbing Strap Dispenser	1	10	EA

Metal Duct Strap

- For hanging flex-duct, etc.



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
14307	1" x 100' - 30 Gauge Strap	1	250	EA
14308	1" x 100' - 26 Gauge Strap	1	250	EA
14309	1" x 100' - 24 Gauge Strap	1	250	EA
14310	1-1/2" x 100' - 30 Gauge Strap	1	250	EA
14311	1-1/2" x 100' - 26 Gauge Strap	1	250	EA

Quick Release Gear Clamp

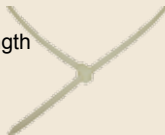
- Quick release make extremely versatile
- 5/16" hex head screw
- Stainless steel coated band
- Zinc plated tightening screw
- 1/2" width band



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17159	Clamp Diameter: 2"-12-1/4" - Length 38"	10	200	EA
17160	Clamp Diameter: 2"- 16-1/4" - Length 51"	10	200	EA
17220	Clamp Diameter: 2"- 20" - Length 63"	10	200	EA

Nylon Flex-Duct Straps

- Manufactured from nylon 6/6
- Rated at 120 or 175 lbs minimum loop tensile strength



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
8925	24" Long For 6" Duct	500	15000	EA
8927	36" Long For 10" Duct	500	15000	EA
8929	48" Long For 14" Duct	500	15000	EA

Black Nylon Flex-Duct Straps

- Black nylon
- Rated at 120 or 175 lbs minimum loop tensile strength



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
19106	24" Black Strap For 6" Duct	500	15000	EA
19107	36" Black Strap For 10" Duct	500	15000	EA
19108	48" Black Strap For 14" Duct	500	15000	EA

Tensioning Tool

- Operates with one hand
- Fits all standard & heavy duty ties
- Provides proper tightness & excess is trimmed flush



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8958	Tensioning Tool For Nylon Ties	5	40	EA

Self Nailing Duct Brackets

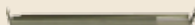
- Galvanized
- Adjustable
- Self nailing



ITEM NO.	DESCRIPTION	STD QTY	U M
15053	Self Nailing Bracket 12" - 19"	25	EA
15054	Self Nailing Bracket 19" - 26"	25	EA

Screw Tab Duct Brackets

- Galvanized
- Adjustable



ITEM NO.	DESCRIPTION	STD QTY	U M
15214	Screw Tab Bracket 12" - 19"	25	EA
15215	Screw Tab Bracket 19" - 26"	25	EA

Round Duct Hanger

- Fast & easy installation
- For 5" or 6" round heating pipes
- 18 gauge galvanized steel
- Self nailing



ITEM NO.	DESCRIPTION	STD QTY	U M
14012	Round Duct Hanger 5" or 6"	50	EA

Square Duct Hangers

- For standard supply & return runs
- 18 gauge galvanized steel



ITEM NO.	DESCRIPTION	STD QTY	U M
16114	8" Square Duct Hanger	100	EA
16115	9" Square Duct Hanger	100	EA
16116	10" Square Duct Hanger	100	EA
16117	11" Square Duct Hanger	100	EA

STANDARDS & BASES
 EQUIPMENT
 CONDENSATE
 DRAIN PLUMBING & CHEMICALS
 SEALANTS & LUBES
 VENTING
 ELECTRONICS & ELECTRICAL
 TOOLS
 MISCELLANEOUS
 INDEX

L.L. Building Versa Caps®

- Clamp fitting that's adjustable for all standard sizes
- For chimney, flue, or hot stack installation
- Non-clogging, positive draft design
- Aluminum Construction
- UL listed



ITEM NO.	DESCRIPTION	STD QTY	U M
19292	[3050] 2-7/8" – 5" Adjustable Versa Cap	12	EA
19293	[5070] 4-7/8" – 7" Adjustable Versa Cap	12	EA
19294	[7090] 6-7/8" – 9" Adjustable Versa Cap	12	EA
19295	[9011] 8-7/8" – 11" Adjustable Versa Cap	6	EA
19296	[1200] 11-7/8" – 14-1/2" Adj Versa Cap	2	EA

Fresh Air Vents

- Vent a combustion system or as a fresh air intake
- Built-in bird screen
- Sturdy galvanized steel construction



ITEM NO.	DESCRIPTION	STD QTY	U M
19769	4" Fresh Air Vent	12	EA

Dryer Transition Duct

- UL listed & labeled as foil dryer transition duct
- Steel wire, multi-ply design of aluminum & polyester
- Meets UL 2158A transition duct for clothes dryers
- No UL Label on 25', UL specifies duct venting can only be 8 foot in length



ITEM NO.	DESCRIPTION	STD QTY	U M
20315	[110505] 4" x 8' Metallic Flexible Duct	12	EA
20316	[111504] 4" x 25' Metallic Flexible Duct	1	EA

Flexible Aluminum Pipe

- Plain ended pipe
- Non-insulated general purpose venting duct
- For low & medium operating pressures
- Non-combustible
- Water-tight continuous lock seams
- Class O metal duct



ITEM NO.	DESCRIPTION	STD QTY	U M
20345	[011436] 3" x 8' Flexible Aluminum Pipe	20	EA
20346	[110421] 3" x 25' Flexible Aluminum Pipe	25	EA
20347	[110404] 4" x 8' Flexible Aluminum Pipe	12	EA
20348	[110419] 4" x 25' Flexible Aluminum Pipe	16	EA
20349	[110405] 5" x 8' Flexible Aluminum Pipe	6	EA
20350	[011441] 6" x 8' Flexible Aluminum Pipe	4	EA

Standard Vinyl Hose

- Steel wire support
- 3" diameter is 1" pitch
- 4" diameter is 1-1/2" pitch
- Useful as bathroom fan venting
- Not approved for dryer venting



ITEM NO.	DESCRIPTION	STD QTY	U M
20311	[110563] 3" x 8' White Vinyl Duct	12	EA
20312	[110565] 3" x 50' White Vinyl Duct	1	EA
20313	[110569] 4" x 50' White Vinyl Duct	1	EA

Duct Clamps

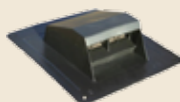
- 4" Plastic: (minimum 3.90"/max 4.25")
- 4" Metal: (minimum 3.25"/max 4.5")



ITEM NO.	DESCRIPTION	STD QTY	U M
20334	[110484] 4" Plastic Clamp, Screw & Nut	100	EA
20335	[111909] 4" Steel Worm Gear Clamp	100	EA

Plastic Roof Vent Caps

- Heavy duty black plastic (polypropylene)
- Impact & UV resistant
- Flexible flange
- Molded screen
- Unique chatter-less flapper
- Flush mount or with a 3" long collar which adapts to 4" & 5" pipe
- Exhausts dryer vents or bathroom fan vents thru the roof



ITEM NO.	DESCRIPTION	STD QTY	U M
20351	[111509] Roof Cap With Louvers	4	EA
20352	[111508] Roof Cap Collar With Louvers	6	EA
20353	[111507] Roof Cap No Louvers	4	EA
20354	[111250] Roof Cap Collar & No Louvers	6	EA

Aluminum Square-Top Utility Vent

- Recommended for kitchen & bathroom exhausts, as well as attic ventilation
- 50 sq. in. of net free ventilating area (NFA) per vent
- Pre-drilled nail holes with extra wide flashing area
- Dimensions: 17-3/8" x 15-3/8"; opening size: 9"



ITEM NO.	DESCRIPTION	STD QTY	U M
15161	[R50A] Aluminum Utility Vent	10	EA

Wall/Dryer Vents

- Used for outside sidewall termination of kitchen, bath fan, or dryer exhausts
- Aluminum construction
- Item 19787 has a spring controlled damper with foam rubber gasket for tighter seal & quiet operation



ITEM NO.	DESCRIPTION	STD QTY	U M
19785	6" Round Wall Vent	12	EA
19786	7" Round Wall Vent	10	EA
19787	3-1/4" x 10" Rectangular Wall Vent	8	EA
19788	4" Aluminum Dryer Vent	12	EA

Dryer Vent Box

- Self trimming unit
- 17" wide x 24" high (fits all 16" centers 2x4's and 2x6's)
- Six 4" diameter knockouts in most common positions
- Four star-burst knockouts for gas connections
- Plastic meets UL standard 94HB tests for flammability



ITEM NO.	DESCRIPTION	STD QTY	U M
20314	[110697] Plastic Dryer Vent Box	10	EA

Aluminum In-Wall Periscope

- 29" to 74" length
- 26 gauge aluminum
- Four telescoping sections
- One male snap-lock fitting
- One female snap-lock collar
- Mounting strap included



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20338	[110140] Aluminum In-Wall Periscope	1	3	EA

Wide Mouth Aluminum Hood

- Back plate
- Back-draft flapper
- Fully assembled, riveted tailpipe



ITEM NO.	DESCRIPTION	STD QTY	U M
20322	[110271] 4" Aluminum Hood	12	EA

Louver Hood Faceplates

- Polypropylene molded plastic
- Molded snap ring for easy connection to pipe
- Free swinging louvers
- 4 mounting holes
- Fully Assembled



ITEM NO.	DESCRIPTION	STD QTY	U M
20323	[110749] 3" White Hood	12	EA
20324	[110286] 4" White Hood	12	EA
20325	[110287] 4" Brown Hood	12	EA
20328	[110838] 6" White Hood	12	EA

Mini Louver Fresh Air Intake

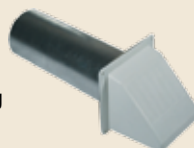
- Locking ring connection on back
- Screens are 1/4" x 1/4" molded grid with fixed louvers
- Works for thru-wall as well as eave venting
- 4 mounting holes
- Fully Assembled



ITEM NO.	DESCRIPTION	STD QTY	U M
20332	[110901] 6" White / Flush Mount w/ Screen	12	EA
20340	[110811] 4" White / Snap-on-ring	12	EA
20341	[110972] 4" Brown / Snap-on-ring	12	EA
20342	[110812] 4" White / 3" Tail	12	EA

Plastic Wide Mouth Vent Hood

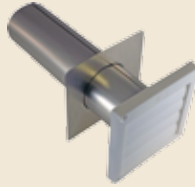
- 11" fully assembled, riveted tailpipe
- Aluminum trim plate
- Back-draft flapper
- This hood is not recommended for dryer venting
- 1/2" x 1/2" pest grid
- Grid snaps in and removable for cleaning



ITEM NO.	DESCRIPTION	STD QTY	U M
20320	[111381] 4" White Hood	8	EA
20321	[111384] 4" Brown Hood	8	EA
20327	[111391] 4" White Hood, Faceplate	8	EA

Louvered Plastic Hood

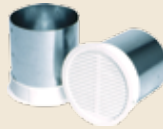
- Polypropylene molded plastic
- Molded snap ring for easy connection to pipe
- Four free swinging louvers
- Aluminum trim plate
- Aluminum tailpipe
- 4 mounting holes
- Fully Assembled



ITEM NO.	DESCRIPTION	STD QTY	U M
20317	[110280] 3" White Hood	12	EA
20355	[110281] 3" Brown Hood	12	EA
20318	[110282] 4" White Hood	12	EA
20319	[110283] 4" Brown Hood	12	EA

Bathroom Fan Eave Vents

- Used to vent bathroom exhaust
- 4" length
- White plastic construction



ITEM NO.	DESCRIPTION	STD QTY	U M
15052	[BFEV4] 4" Bathroom Fan Eave Vent	12	EA

Rotaire® Under Eave Vent

- 2-piece snap in plastic design hides mounting screws
- Includes a screen inside the vent
- Louvers rotatable
- Tabs to hold duct in place



ITEM NO.	DESCRIPTION	STD QTY	U M
13055	[3940WH] 4" Rotaire Eave Vent - White	24	EA
13056	[3940BR] 4" Rotaire Eave Vent - Brown	24	EA

Egg Crate Louvers

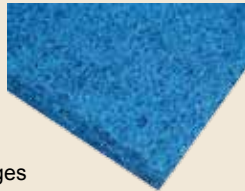
- White polystyrene
- 1/2" open cell grid



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
13833	3/8" Thick 2' x 4' Louver	15	360	EA
13834	1/2" Thick 2' x 4' Louver	10	360	EA
13885	1/2" Thick 2' x 2' Louver	20	360	EA

Poly-Flo™ Air Filter Media

- 100% polyester construction
- Cleans easily with water
- Cuts to any opening with scissors
- Rigid construction - needs no frame
- Low resistance to air flow - saves money!
- Fibers are unaffected by moisture
- Safe to handle - no fiberglass or sharp edges
- Bi-directional air flow
- High dust retention
- Flame retardant UL Class II
- self extinguishing FMVSS 302 Certified



ITEM NO.	DESCRIPTION	STD QTY	U M
20800	25" x 36" x 1" Poly-Flo Filter	1	RL
20806	16" x 20" x 1" Poly-Flo Filter	12	EA
20807	16" x 25" x 1" Poly-Flo Filter	12	EA
20808	20" x 20" x 1" Poly-Flo Filter	12	EA
20809	20" x 25" x 1" Poly-Flo Filter	12	EA
20810	20" x 30" x 1" Poly-Flo Filter	15	EA

Grill Mounting Clip

- Used to mount a register grill onto duct board
- Extra slots for use 1-1/2" & 2" duct board.



ITEM NO.	DESCRIPTION	STD QTY	U M
20410	Grill Mounting Clip	100	EA

Polypropylene Webbing Strap

For hanging flex-duct, etc.

± 1/16" Width / .024" thick ± .005"

Flame Spread Index:5

Smoke Developed Index:30

See Page 37

Smoke Emitters

- These unique smoke emitters emit a dense, oil-free, non-toxic smoke
- Use to test and balance air flows
- Smoke cartridges are non-explosive
- Packaged in sealed capsules
- Easily locates leaks in furnaces & ductwork



ITEM NO.	DESCRIPTION	STD QTY	U M
0116	150 Cu Ft Smoke / 45 Sec Burn	100	EA
0117	600 Cu Ft Smoke / 75 Sec Burn	100	EA
0118	1060 Cu Ft Smoke / 2-1/2 Min Burn	5	EA
0119	2500 Cu Ft Smoke / 4 Min Burn	5	EA

Superior Signal Smoke Emitters

- Emits a dense smoke for easy viewing
- Easily locates leaks in furnaces & ductwork
- Contains no explosive materials
- Use to test and balance air flows



ITEM NO.	DESCRIPTION	STD QTY	U M
15055	[1A] 4000 Cu Ft Smoke / 30 Sec	12	EA
15056	[2B] 8000 Cu Ft Smoke / 1 Min	12	EA
17707	[3C] 40,000 Cu Ft Smoke / 3 Min	12	EA

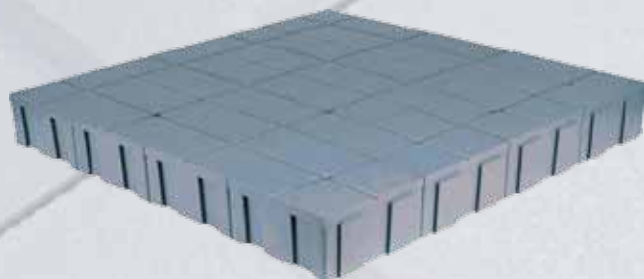
Smoke Pen

- Patented smoke-emitting wick
- Provides a continuous trail of smoke
- Non-toxic, cool burning smoke emitter
- Ideal for air balancing, verifying ventilation, testing smoke alarms, tests for negative or positive pressure, etc.
- Easily extinguished by replacing the protective cover
- Each wicks provide approximately 30 minutes of continuous smoke



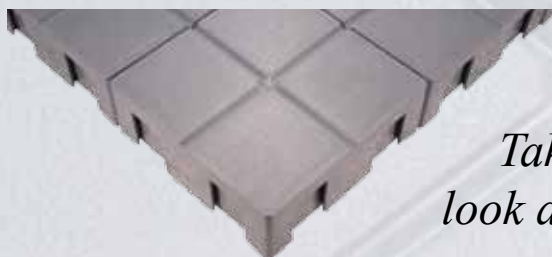
ITEM NO.	DESCRIPTION	STD QTY	U M
19629	Smoke Pen with 6 Wicks	1	EA
19630	6 Wick Refills for Smoke Pen	1	EA

Bramec® Air-Pad® Condenser Bases



Patented design
Modular inter-locking design
Pad sizes easily customized
Easy, safe, fast installation
Light-weight, sturdy construction
Self-draining
2" and 3" inch heights
Gray in color

Available in 2" and 3"



Top View

Take a closer look at the Air-Pad



Bottom View

See Page 4 For Sizes Available!

Digital Thermostat

- Single stage
- 1 heat only or 1 cool only
- 4 sq. inch display
- Blue backlight
- Battery or 24v power
- Easy wire color coded terminal blocks
- Room temperature calibration adjustments
- Heating & cooling swing (cycle rate) adjustments



- Non-programmable, heat only or cool only applications
- Set point range from 44 degrees F to 90 degrees F (low set point is great for garage thermostats)
- Set point limits (meets building codes for garage applications)

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30700	Digital Thermostat	1	10	EA

Digital Thermostat

- Single stage
- 1 heat only, 1 cool only
- Non-programmable 4 sq. inch display
- Blue backlight
- Electric or Gas configurable
- Separate B & 0 terminals
- Room temperature calibration adjustment
- Separate heating & cooling swing (cycle rate) adjustments



- 5 minute compressor delay protection (selectable on or off)
- Easy wire color coded terminal blocks Universal sub-base
- Mounts on wall or junction box
- Battery or 24v power

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30701	Digital Thermostat	1	10	EA

Digital Programmable Thermostat

- Single stage
- 1 heat only, 1 cool only
- 5/1/1 Programmable
- Easy menu driven programming
- 4 sq. inch display
- Blue backlight
- Electric or Gas configurable
- Separate B & 0 terminals
- Intuitive wake, leave, return, sleep programming icons



- Separate heating & cooling swing (cycle rate) adjustments
- Room temperature calibration adjustment
- 5 minute compressor delay protection (selectable on or off)
- Easy wire color coded terminal blocks
- Battery or 24v power

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30702	Programmable Thermostat	1	10	EA

LuxPro® Mechanical Thermostat

- Clean attractive design
- Snap Action Mechanism
- Valued priced
- Adjustable heat anticipator
- 2-Wire Heat only mechanical thermostat
- Contains no Mercury



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18882	[PSM30SA] Mechanical Thermostat	1	10	EA

LuxPro® Mechanical Thermostat

- Clean attractive design
- Snap Action Mechanism
- Valued priced
- Adjustable heat anticipator
- Heating and cooling mechanical thermostat
- Contains no Mercury



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18883	[PSM40SA] Mechanical Thermostat	1	10	EA

LuxPro® Line Voltage Thermostat Single Pole Heating

- Clean attractive design
- Valued priced
- Line voltage replacement thermostat
- UL Listed
- 22A 120/240V



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18889	[LV1] Line Voltage Thermostat	1	10	EA

LuxPro® Line Voltage Thermostat Double Pole Heating

- Clean attractive design
- Valued priced
- Line voltage replacement thermostat
- UL Listed
- 22A 120/240V



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18890	[LV21] Line Voltage Thermostat	1	10	EA

Temporary Construction Thermostat

- Low cost
- Not effected by heat, moisture, paint & drywall dust
- Non-adjustable
- Rugged construction
- Mercury-free – safe for the environment



ITEM NO.	DESCRIPTION	STD QTY	U M
20064	60°F Construction Stat, Heating Only	10	EA
20065	65°F Construction Stat, Heating Only	10	EA
20066	70°F Construction Stat, Heating Only	10	EA
20070	75°F Construction Stat, Cooling Only	10	EA

Classic Series Thermostat Guards

- Medium size plastic
- Covers by-pass timers, wall switches & small thermostats
- Solid base: 5-1/4"H x 4-3/8"W x 3"D
- Ring base: 5-1/4"H x 4-5/8"W x 3-1/4"D
- Measurements given are inside measurements



ITEM NO.	DESCRIPTION	STD QTY	U M
13008	[K] Clear Plastic Guard (2 Bases)	12	EA
Thermostat Guard Cross Reference Numbers			
13008	70205	BTG-K	585-TG2

Designer Series Thermostat Guards

- Low profile series
- Solid base: 4-1/4"H x 7-5/8"W x 2-1/8"D
- Ring base: 4-1/8"H x 7-1/16"W x 2-1/4"D
- Measurements given are inside measurements



ITEM NO.	DESCRIPTION	STD QTY	U M
13018	[DK] Clear Plastic Guard (2 Bases)	12	EA
Thermostat Guard Cross Reference Numbers			
13018	70217	BTG-DK	585-TG6

Regal Series Thermostat Guards

- Perfect for standard size wall thermostats
- Solid base: 6-3/8"H x 3-1/2"W x 3"D
- Ring base: 6-3/8"H x 3-1/2"W x 3-1/4"D
- Measurements are inside measurements



ITEM NO.	DESCRIPTION	STD QTY	U M
13016	[RK] Clear Plastic Guard (2 Bases)	12	EA
Thermostat Guard Cross Reference Numbers			
13016	70210	BTG-RK	585-TG1

Elite Series Thermostat Guards

- Small, compact
- Ideal for small thermostats, sensors, & other small items
- Solid base: 3-7/8"H x 3-1/2"W x 2-1/2"D
- Measurements given are inside measurements



ITEM NO.	DESCRIPTION	STD QTY	U M
13004	[EK] Clear Plastic Guard (Solid Base)	12	EA
Thermostat Guard Cross Reference Numbers			
13004	70201	BTG-EK	585-TG5

Sentinel Series Thermostat Guards

- Constructed of 20 gauge steel
- Super strong & completely tamper proof
- Solid base: 6-1/4"H x 4-3/4"W x 3"D
- Ring base: 6"H x 3-13/16"W x 3-1/8"D
- Measurements given are inside measurements



ITEM NO.	DESCRIPTION	STD QTY	U M
13001	[VLW] Beige Metal Guard (Ring Base)	12	EA
13002	[VL] Beige Metal Guard (Solid Base)	12	EA
Thermostat Guard Cross Reference Numbers			
13001	70216	BTG-54VLW	585-TG8
13002	70215	BTG-54VL	585-TG7

Universal Series Thermostat Guards

- Truly a Universal thermostat guard
- Available in plastic or metal
- Covers most large bulky thermostats
- Measurements given are inside measurements



Thermostat Guard Cross Reference Numbers

13010	70223	BTG-UM	585-TG3
13011	70224	BTG-UWM	585-TG4
13012	70220	BTG-UK2	585-TG

ITEM NO.	DESCRIPTION	STD QTY	U M
13010	[UM] Beige Metal, 7-1/4"H x 5-3/8"W x 3-1/2"D (Solid Base)	12	EA
13011	[UWM] Beige Mtl, 8-1/8"H x 4-5/8"W x 3-5/8"D (Ring Base)	12	EA
13012	[UK2] Clear Plastic, Solid: 8-1/4"H x 5-3/8"W x 3-1/2"D Ring: 8-1/8"H x 4-5/8"W x 3-5/8"D	12	EA

Thermostat Guard Key

- For use with all Bramec thermostat guards



ITEM NO.	DESCRIPTION	STD QTY	U M
20131	Thermostat Guard Key	1	EA

Delay On Make Timer Control (10 Min)

- Universal voltage operation
- Higher 1.5 amp power rating
- One model replaces many in field
- Simple 2-wire hookup
- 18 - 240 VAC/VDC
- 15 amp in rush
- SPST, N.O.
- Knob-adjustable time delay .03 - 10 min; (1.8 - 600 sec)



ITEM NO.	DESCRIPTION	STD QTY	U M
17641	10 Min Adj Delay On Make Timer	1	EA

ICM Delay On Make Timer Control (1023 Sec)

- Precise digital timing
- Ideal for ice machine applications
- Universal voltage operation
- Compact 2" x 2" package
- 18 - 240 VAC/VDC
- 1 amp
- 10 amp in rush
- SPST, N.O.
- Switch settable time delay 1 - 1023 sec
- Carton quantity of 10 includes a display carton



ITEM NO.	DESCRIPTION	STD QTY	U M
17642	1023 Sec Adj Delay On Make Timer	1	EA

ICM Delay On Break Timer Control (5 Min)

- Higher 1.5 amp power rating
- 2-wire hookup
- Compact 2" x 2" package
- 18 - 24 VAC
- 15 amp in rush
- SPST, N.O.
- 5 min fixed delay
- Compressor lockout / anti-short cycle timer helps to protect compressors from damage caused by rapid short cycling
- Carton quantity of 10 includes a display carton



ITEM NO.	DESCRIPTION	STD QTY	U M
17643	5 Min Fixed Delay On Break Timer	1	EA

Delay On Break Timer Control (10 Min)

- Universal voltage operation
- Higher 1.5 amp power rating
- 2-wire hookup
- 18 - 240 VAC/VDC
- 10 amp in rush
- SPST, N.O.
- Knob-adjustable time delay .03 - 10 min; (1.8 - 600 sec)



ITEM NO.	DESCRIPTION	STD QTY	U M
17644	10 Min Adj Delay On Break Timer	1	EA

ICM Head Pressure Control

- Helps prevent freeze-ups, low pressure cut-outs, & liquid-slugged compressors in low ambient conditions
- Eliminates overshoots common to on/off & pressure switch controls
- One models covers 120-480 VAC
- Features: hard start, low temperature cut off, & high temperature bypass
- Requires 24 VAC supply
- Controls up to 3 refrigerant circuits
- Typical application: heat pumps or air conditioners



ITEM NO.	DESCRIPTION	STD QTY	U M
18492	Head Pressure Control	1	EA

ICM Head Pressure Control

- Built-in transformer eliminates cost, reduces installation time & simplifies wiring (direct set up from line voltage)
- Helps prevent freeze-ups, low pressure cut-outs & liquid-slugged compressors in low ambient conditions
- Features: hard start, low temperature cut off, & high temp bypass, isolated 24 VAC supply built into the control
- Ideal for heat pumps, line voltage air conditioning & refrigeration
- Mechanical dimensions: 4.5" x 3" x 2"
- Controls sleeve & ball-bearing motors



ITEM NO.	DESCRIPTION	STD QTY	U M
18493	Head Pressure Control (120/240 VAC)	1	EA
18494	Head Pressure Control (480 VAC)	1	EA

Hard Start Kits

- Increase starting torque on low voltage or light compressors
- For Units 4000 to 120,000 BTU; 1/2 through 10 HP; 115 VAC - 288 VAC



ITEM NO.	DESCRIPTION	STD QTY	U M
19681	Hard Start Kit 5 - Up To 300% Torque	5	EA
19682	Hard Start Kit 6 - Up To 500% Torque	5	EA
19683	Hard Start Kit 8 - Up To 690% Torque	5	EA

Electric Heat Sequencers

Sequencers Cross Reference Numbers

19119	NS101	HDR-101	33241	24A34-1
19120	NS102	HDR-102	33242	24A34-2
19121	NS103	HDR-201	33244	24A34-3
19122	NS104	HDR-202	33245	24A34-4
19123	NS211S	HDR-211		24A52-109
19124	NS212S	HDR-212		24A52-101
19125	NS105	HDR-221	33232	24A34-5
19126	NS106	HDR-222	33233	24A34-6



ITEM NO.	NUMBER CIRCUITS	SWITCHES	DELAY ON TIME(SECS)	DELAY OFF TIME(SECS)	STD QTY	U M
19119	1 Main	SPST	1-24	45-75	1	EA
19120	1 Main	SPST	30-90	1-30	1	EA
19121	2 Main	DPST	1-20	40-110	1	EA
19122	2 Main	DPST	30-70	1-40	1	EA
19123	2 Main Staged	DPST	30-110	1-40	1	EA
19124	2 Main Staged	DPST	30-90	1-30	1	EA
19125	3 Main Staged	DPST SPST	1-110	1-110	1	EA
19126	4 Main Staged	2 DPST	1-110	1-110	1	EA

In-Line Fuse Links



ITEM NO.	DESCRIPTION	STD QTY	U M
18356	257° F / 127° C In-Line Fuse Link	5	EA
18357	300° F / 150° C In-Line Fuse Link	5	EA
18358	333° F / 170° C In-Line Fuse Link	5	EA

Face Plate Fuse Links

18360
18362



18359
18361
18363


ITEM NO.	DESCRIPTION	STD QTY	U M
18359	257° F Fuse Link - Oval	5	EA
18360	257° F Fuse Link - Round	5	EA
18361	300° F Fuse Link - Oval	5	EA
18362	300° F Fuse Link - Round	5	EA
18363	333° F Fuse Link - Oval	5	EA

Replacement Electric Heat Element Kits

- Contains: 1 close-wound coil with terminal bolts attached, 2 sets of ceramic terminal bushings, 4 hex nuts, 2 lock nuts, & 2 flat washers
- Coils fit ceramic insulators with 3/8" inside diameter openings



ITEM NO.	WATTS @ 240V	WATTS @ 208V	MIN LENGTH	MAX LENGTH	STD QTY	U M
17241	1000	750	14"	35"	1	EA
17242	2000	1500	26"	65"	1	EA
17243	4000	3000	45"	135"	1	EA
17244	5000	3750	54"	162"	1	EA




Contact Cleaner

**Quick-Drying
Electrical Grade
Residue-Free
Plastic-Safe**

41,000 Volt Dielectric Strength

See Page 48



Freeze Free® Residential Self-Regulating Heating Cable

- Cut to length of 75 ft (3 watts/ft @ 120VAC)
- Braided metal jacket for dry location applications
- Kit provides end and plugs into standard outlet
- Varies heat output with temperature change
- Use on plastic and metal pipes
- 3M Super 33+ Tape (item 13945) recommend for use during installation



ITEM NO.	DESCRIPTION	STD QTY	U M
20635	[2102] 100' Roll Freeze Free Cable	1	EA
20636	[2302] 300' Roll Freeze Free Cable	1	EA
20637	[10803] Connection Kit For Freeze Free	1	EA
20638	[EH-38] Pre-Set Thermostat (38°F)	1	EA

SR Trace® Commercial Self-Regulating Heating Cable

- Cut to length of 458 ft (5 watts/ft @120VAC)
- Can be used for wet application
- Varies heat output with temperature change
- Use on plastic and metal pipes
- 3M Super 33+ Tape (item 13945) recommend for use during installation



ITEM NO.	DESCRIPTION	STD QTY	U M
20639	[SR51J250] 250' Roll 120V Cable	1	EA
20640	[SR52J250] 250' Roll 240V Cable	1	EA
20641	[SRES] Heat Shrink End Seal Kit	1	EA
20642	[SRP] Power/End Connection Kit	1	EA
20643	[SRST] Splice/"T" Connection Kit	1	EA

Residential Heat Cable

- Pre-assembled
- Preset thermostat
- Self regulating cable
- Plugs into standard 120 VAC outlet
- Jacketed for wet & dry applications
- For use on plastic & metal pipes
- Do not overlap cable



ITEM NO.	DESCRIPTION	STD QTY	U M
20920	3 Foot Length, 21 Watts	1	EA
20921	6 Foot Length, 42 Watts	1	EA
20922	9 Foot Length, 63 Watts	1	EA
20923	12 Foot Length, 84 Watts	1	EA
20924	15 Foot Length, 105 Watts	1	EA
20925	18 Foot Length, 126 Watts	1	EA
20926	24 Foot Length, 168 Watts	1	EA
20927	30 Foot Length, 210 Watts	1	EA
20928	40 Foot Length, 280 Watts	1	EA

Cross Reference Numbers				Cross Reference Numbers			
20920	AHB013	70710	HC-01	20925	AHB118	70725	HC-06
20921	AHB016	70711	HC-02	20926	AHB124	70726	HC-07
20922	AHB019	70712	HC-03	20927	AHB130	70737	HC-09
20923	AHB112	70713	HC-04	20928	AHB140	70738	
20924	AHB115	70714	HC-05				

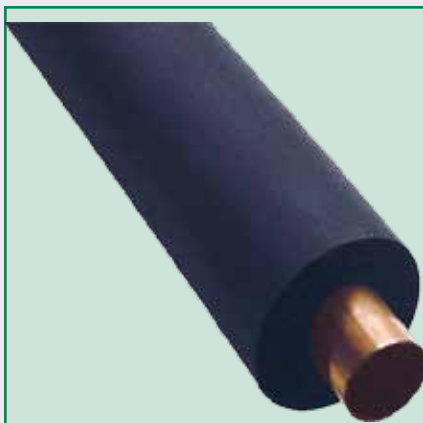
Commercial Heat Cable

- No thermostat or plug
- 2 foot orange 14/3 cold lead
- Jacketed for wet & dry applications
- 120 VAC
- For metal pipe only



ITEM NO.	DESCRIPTION	STD QTY	U M
20900	3 Foot Length, 21 Watts	1	EA
20901	6 Foot Length, 42 Watts	1	EA
20902	9 Foot Length, 63 Watts	1	EA
20903	12 Foot Length, 84 Watts	1	EA
20904	15 Foot Length, 105 Watts	1	EA
20905	18 Foot Length, 126 Watts	1	EA
20906	24 Foot Length, 168 Watts	1	EA
20907	30 Foot Length, 210 Watts	1	EA
20908	40 Foot Length, 280 Watts	1	EA

Cross Reference Numbers				Cross Reference Numbers			
20900	70720	20905	70727				
20901	70721	20906	70729				
20902	70723	20907	70731				
20903	70724						
20904	70726						



Pipe & Tubing Insulation

- Closed cell rubber
- Excellent resistance to UV & weather
- Wide service temperature range (-70°F to +300°F)
- High resistance to water vapor permeability
- Low flame spread & smoke density (25/50 Fire Rated)
- Low & Stable Thermal Conductivity (K.value)
- Six foot pieces

See Page 31

Surface Igniter Direct Replacement Igniters

- Less than 17 seconds @ 115 +/- 10 VAC to temperature
- 50 - 1,1000 Ohms
- Minimum temperature: 1800°F/980°C @ 102 Volts
- Maximum temperature: 3100°F/1705°C @ 132 Volts
- 2.9 to 5.0 Amps Maximum @ 132 Volts
- Silicon Carbide Igniter Material
- CSA Approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
41401	[DS401] Flat Igniter (41-401)	1	20	EA
41402	[DS402] Flat Igniter (41-402)	1	20	EA
41403	[DS403] Flat Igniter (41-403)	1	20	EA
41404	[DS404] Flat Igniter (41-404)	1	20	EA
41405	[DS405] Flat Igniter (41-405)	1	20	EA
41406	[DS406] Flat Igniter (41-406)	1	20	EA
41407	[DS407] Flat Igniter (41-407)	1	20	EA
41408	[DS408] Flat Igniter (41-408)	1	20	EA
41409	[DS409] Flat Igniter (41-409)	1	20	EA
41410	[DS410] Flat Igniter (41-410)	1	20	EA
41411	[DS411] Flat Igniter (41-411)	1	20	EA
41412	[DS412] Flat Igniter (41-412)	1	20	EA
41414	[DS414] Flat Igniter (41-414)	1	20	EA
41500	[DS418] Flat Igniter (B1401018S)	1	20	EA
41501	[DS016] Flat Igniter (025-32625)	1	20	EA

Full igniter compatibility list online: www.bramec.com/specials/igniter.pdf

Surface Igniter Universal Igniters

- CSA Approved



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
41109	[DS001] Universal Igniter	1	20	EA
41801	[CM067] Universal Igniter	1	20	EA
41802	[SN069] Universal Igniter	1	20	EA

Full igniter compatibility list online: www.bramec.com/specials/igniter.pdf

Directbrand™ Universal Capacitors

- Patents: (7,987,593; 8,159,810; 8,395,879)
- Replaces over 200 single & dual value capacitors
- Simple jumper system for correct capacitance
- Cool running for extended capacitor life
- Replaces hard-to-find & obsolete capacitors



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14200	[mmminicap20] Mini Motor-Mate	1	40	EA
14201	[municap200] Coolrun Capacitor	1	24	EA

370 VAC, Single, Oval Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30000	2uF Oval Capacitor	1	90	EA
30001	3uF Oval Capacitor	1	90	EA
30002	4uF Oval Capacitor	1	90	EA
30003	5uF Oval Capacitor	1	90	EA
30004	6uF Oval Capacitor	1	90	EA
30005	7.5uF Oval Capacitor	1	45	EA
30006	10uF Oval Capacitor	1	45	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30007	12.5uF Oval Capacitor	1	45	EA
30008	15uF Oval Capacitor	1	45	EA
30009	17.5uF Oval Capacitor	1	45	EA
30010	20uF Oval Capacitor	1	45	EA
30011	25uF Oval Capacitor	1	45	EA
30012	30uF Oval Capacitor	1	22	EA
30013	35uF Oval Capacitor	1	22	EA
30014	40uF Oval Capacitor	1	22	EA
30015	45uF Oval Capacitor	1	22	EA
30016	50uF Oval Capacitor	1	22	EA
30017	55uF Oval Capacitor	1	22	EA
30018	60uF Oval Capacitor	1	15	EA
30019	70uF Oval Capacitor	1	15	EA
30020	80uF Oval Capacitor	1	15	EA

STANDARDS & BASES
 EQUIPMENT
 CONDENSATE
 PLUMBING & CHEMICALS
 SEALANTS LUBES VENTING
 CONTROLS & ELECTRONICS
 ELECTRICAL
 TOOLS
 MISCELLANEOUS
 INDEX

370 VAC, Dual, Oval Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NUMBER	DESCRIPTION	STD QTY	CTN QTY	U M
30023	15+5uF Oval Capacitor	1	22	EA
30025	15+10uF Oval Capacitor	1	22	EA
30030	20+5uF Oval Capacitor	1	22	EA
30034	20+15uF Oval Capacitor	1	22	EA
30035	25+3uF Oval Capacitor	1	22	EA
30037	25+5uF Oval Capacitor	1	22	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30039	25+10uF Oval Capacitor	1	22	EA
30042	30+3uF Oval Capacitor	1	22	EA
30044	30+5uF Oval Capacitor	1	22	EA
30045	30+7.5uF Oval Capacitor	1	22	EA
30049	35+3uF Oval Capacitor	1	22	EA
30051	35+5uF Oval Capacitor	1	22	EA
30052	35+7.5uF Oval Capacitor	1	22	EA
30058	40+5uF Oval Capacitor	1	22	EA
30063	45+5uF Oval Capacitor	1	22	EA
30064	45+7.5uF Oval Capacitor	1	22	EA
30070	55+5uF Oval Capacitor	1	22	EA
30071	55+7.5uF Oval Capacitor	1	22	EA
30078	60+10uF Oval Capacitor	1	22	EA

370 VAC, Single, Round Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NUMBER	DESCRIPTION	STD QTY	CTN QTY	U M
30082	5uF Round Capacitor	1	70	EA
30083	7.5uF Round Capacitor	1	70	EA
30084	10uF Round Capacitor	1	70	EA
30085	12.5uF Round Capacitor	1	70	EA
30086	15uF Round Capacitor	1	70	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30087	17.5uF Round Capacitor	1	35	EA
30088	20uF Round Capacitor	1	35	EA
30089	25uF Round Capacitor	1	35	EA
30090	30uF Round Capacitor	1	35	EA
30091	35uF Round Capacitor	1	35	EA
30092	40uF Round Capacitor	1	30	EA
30093	45uF Round Capacitor	1	30	EA
30094	50uF Round Capacitor	1	30	EA
30095	55uF Round Capacitor	1	30	EA
30096	60uF Round Capacitor	1	20	EA
30097	70uF Round Capacitor	1	20	EA
30098	80uF Round Capacitor	1	20	EA

370 VAC, Dual, Round Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NUMBER	DESCRIPTION	STD QTY	CTN QTY	U M
30099	25+3uF Round Capacitor	1	30	EA
30100	30+3uF Round Capacitor	1	30	EA
30101	35+3uF Round Capacitor	1	30	EA
30102	40+3uF Round Capacitor	1	30	EA
30103	25+4uF Round Capacitor	1	30	EA
30105	35+4uF Round Capacitor	1	30	EA
30108	15+5uF Round Capacitor	1	30	EA
30109	20+5uF Round Capacitor	1	30	EA
30110	25+5uF Round Capacitor	1	30	EA
30111	30+5uF Round Capacitor	1	30	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30112	35+5uF Round Capacitor	1	30	EA
30113	40+5uF Round Capacitor	1	30	EA
30114	45+5uF Round Capacitor	1	30	EA
30115	50+5uF Round Capacitor	1	20	EA
30116	55+5uF Round Capacitor	1	20	EA
30117	60+5uF Round Capacitor	1	20	EA
30118	70+5uF Round Capacitor	1	20	EA
30119	80+5uF Round Capacitor	1	20	EA
30121	20+7.5uF Round Capacitor	1	30	EA
30123	30+7.5uF Round Capacitor	1	30	EA
30125	40+7.5uF Round Capacitor	1	30	EA
30128	55+7.5uF Round Capacitor	1	20	EA
30129	60+7.5uF Round Capacitor	1	20	EA
30131	80+7.5uF Round Capacitor	1	20	EA
30136	35+10uF Round Capacitor	1	30	EA
30143	80+10uF Round Capacitor	1	20	EA

440 VAC, Single, Oval Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NUMBER	DESCRIPTION	STD QTY	CTN QTY	U M
30144	2uF Oval Capacitor	1	90	EA
30145	3uF Oval Capacitor	1	90	EA
30146	4uF Oval Capacitor	1	45	EA
30147	5uF Oval Capacitor	1	45	EA
30148	6uF Oval Capacitor	1	45	EA
30149	7.5uF Oval Capacitor	1	45	EA
30150	10uF Oval Capacitor	1	45	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30151	12.5uF Oval Capacitor	1	45	EA
30152	15uF Oval Capacitor	1	45	EA
30153	17.5uF Oval Capacitor	1	45	EA
30154	20uF Oval Capacitor	1	22	EA
30155	25uF Oval Capacitor	1	22	EA
30156	30uF Oval Capacitor	1	22	EA
30157	35uF Oval Capacitor	1	22	EA
30158	40uF Oval Capacitor	1	22	EA
30159	45uF Oval Capacitor	1	15	EA
30160	50uF Oval Capacitor	1	15	EA
30161	55uF Oval Capacitor	1	15	EA
30162	60uF Oval Capacitor	1	15	EA
30163	70uF Oval Capacitor	1	15	EA
30164	80uF Oval Capacitor	1	15	EA

440 VAC, Dual, Oval Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30177	25+5uF Oval Capacitor	1	22	EA
30184	30+5uF Oval Capacitor	1	22	EA
30185	35+5uF Oval Capacitor	1	22	EA
30186	40+5uF Oval Capacitor	1	22	EA
30187	45+5uF Oval Capacitor	1	22	EA
30188	50+5uF Oval Capacitor	1	22	EA
30189	55+5uF Oval Capacitor	1	15	EA
30190	60+5uF Oval Capacitor	1	15	EA
30191	35+7.5uF Oval Capacitor	1	22	EA
30192	40+7.5uF Oval Capacitor	1	22	EA
30193	45+7.5uF Oval Capacitor	1	22	EA
30194	55+10uF Oval Capacitor	1	15	EA

440 VAC, Single, Round Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30200	5uF Round Capacitor	1	70	EA
30201	10uF Round Capacitor	1	70	EA
30202	15uF Round Capacitor	1	35	EA
30203	17.5uF Round Capacitor	1	35	EA
30204	20uF Round Capacitor	1	35	EA
30205	25uF Round Capacitor	1	35	EA
30206	30uF Round Capacitor	1	35	EA
30207	35uF Round Capacitor	1	30	EA
30208	40uF Round Capacitor	1	30	EA
30209	45uF Round Capacitor	1	20	EA
30210	50uF Round Capacitor	1	20	EA
30211	55uF Round Capacitor	1	20	EA
30212	60uF Round Capacitor	1	20	EA
30213	70uF Round Capacitor	1	20	EA
30214	80uF Round Capacitor	1	20	EA

440 VAC, Dual, Round Shape Motor Run Capacitors

- General purpose for single phase AC loads such as fans, motors, air conditioners, HID lamps, etc.
- Temperature rating -13F to 158F (-25C to 70C)
- Aluminium cans with steel covers
- Biodegradable, non-polluting oil (non-P.C.B.)
- Standard: IEC 252 (1975), UL 810
- 50/60 Hz



ITEM NUMBER	DESCRIPTION	STD QTY	CTN QTY	U M
30220	20+5uF Round Capacitor	1	30	EA
30221	25+5uF Round Capacitor	1	30	EA
30222	25+7.5 Round Capacitor	1	30	EA
30223	30+5uF Round Capacitor	1	30	EA
30224	30+7.5uF Round Capacitor	1	30	EA
30225	35+5uF Round Capacitor	1	20	EA
30226	35+7.5uF Round Capacitor	1	20	EA
30227	35+10uF Round Capacitor	1	20	EA
30228	40+4uF Round Capacitor	1	20	EA
30228	40+4uF Round Capacitor	1	20	EA

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
30229	40+5uF Round Capacitor	1	20	EA
30230	40+7.5uF Round Capacitor	1	20	EA
30231	40+10uF Round Capacitor	1	20	EA
30232	45+5uF Round Capacitor	1	20	EA
30233	45+7.5uF Round Capacitor	1	20	EA
30234	50+5uF Round Capacitor	1	20	EA
30235	50+7.5uF Round Capacitor	1	20	EA
30236	55+5uF Round Capacitor	1	20	EA
30237	55+7.5uF Round Capacitor	1	20	EA
30238	55+10uF Round Capacitor	1	20	EA
30239	60+5uF Round Capacitor	1	20	EA
30240	60+7.5uF Round Capacitor	1	20	EA
30241	60+10uF Round Capacitor	1	20	EA
30242	80+5uF Round Capacitor	1	20	EA
30243	80+7.5uF Round Capacitor	1	20	EA
30244	80+10uF Round Capacitor	1	20	EA

Universal® CO Smart Alarm

- Sealed battery provides 10 years of continuous protection against the silent killer - carbon monoxide
- Sealed battery (included) will never have to be replaced throughout the life of the alarm
- Mount on the wall or leave it standing up on a table top
- UL Listed, California State Fire Marshal approved &
- Federal Housing Authority (FHA) approved to exceed industry standards
- Microprocessor intelligence virtually eliminates nuisance alarms



ITEM NO.	DESCRIPTION	STD QTY	U M
14926	[MC304SB] Carbon Monoxide Alarm	1	EA

Universal® 3-in-1 Smart Alarm

- Sealed battery provides 10 years of continuous protection against fast flaming fires, slow smoldering fires & CO
- Sealed battery (included) will never have to be replaced throughout the life of the alarm
- Quick activation battery pull tab
- Deactivation key makes the batteries safe for disposal
- Microprocessor intelligence virtually eliminates nuisance alarms
- UL Listed, California State Fire Marshal approved & Federal Housing Authority (FHA) approved to exceed industry standards



ITEM NO.	DESCRIPTION	STD QTY	U M
14927	[MIC3510S] Fire/Smoke/CO Alarm	1	EA

Universal® Wired 3-in-1 Alarm

- Provides triple the protection with a single installation to protect against fires, CO and natural gas
- 120-volt AC/DC hard wired alarm with battery back-up
- Mount the bracket to any standard wiring junction box
- Features a quick activation pull-tab & a front-loading battery drawer for replacement without removing the alarm from the bracket



ITEM NO.	DESCRIPTION	STD QTY	U M
14928	[MDSN111] Smoke/CO/Natural Gas Alarm	1	EA

Universal® Plug-In 2-in-1 Smart Alarm

- Provides double the protection with a single installation to protect against carbon monoxide and natural gas
- 120-volt AC alarm with backup battery is suitable for houses, apartments and mobile homes
- Three LED colors display the status of the alarm, power, CO & gas in your home
- Compact plug-in design covers only (1) outlet for a fast & easy installation with no wiring required
- ETL Listed to UL2034 and UL1484 Standards, California State Fire Marshal approved & Federal Housing Authority (FHA) approved to exceed industry standards



ITEM NO.	DESCRIPTION	STD QTY	U M
14929	[MCN400] Plug-In CO/Natural Gas Alarm	1	EA

Industrial Thermometer

- 9" scale size
- 3-1/2" stem
- Dual Scale °F & °C
- Glass lens
- Blue spirit indicator
- Lower mount adjustable angle connection 1-1/4" - 18" NEF thread



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18734	30° - 240° F Thermometer	1	20	EA
18735	0° - 120° F Thermometer	1	20	EA

Contractor Series Gauges

- Stainless steel case (rust and corrosion resistance)
- Plastic lens (resists breakage & won't shatter)
- +/- 1 % full scale accuracy
- Zero adjust screw on dial (for additional fine tuning)
- Large easy to read numbers on single scale
- PSI only dial



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19927	4-1/2" 0 - 30 PSI Gauge	1	60	EA
19928	4-1/2" 0 - 200 PSI Gauge	1	60	EA

3" Tridicators

- 3-1/4" Dial Size
- 1/2" Male NPT Connection Size
- Stem Length 3 inches
- Black Steel Case
- Bronze Internals
- Plastic Lens



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20534	0 - 200 PSI / 70° - 320°	1	50	EA
20535	0 - 100 PSI / 70° - 320°	1	50	EA

4" Industrial Tridicators

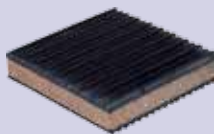
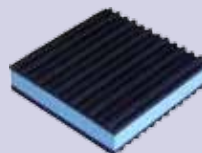
- 4" Square Dial Size
- 1/2" Male NPT Connection Size
- Stem Length 2 inches
- Black Steel Case
- Bronze Internals
- Glass Lens



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20536	0 - 300 PSI / 80° - 320°	1	50	EA

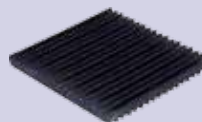
Anti-Vibration Pads

High Performance Pad



Cork/Rubber Pad

Rubber Pad



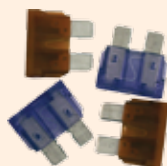
Super-Duty Pad

See Page 6 For More Information!

STANDARDS & BASES
EQUIPMENT
DRAIN PLUMBING & CHEMICALS
CONDENSATE
SEALANTS LUBES VENTING
ELECTRONICS &
ELECTRICAL
TOOLS
MISCELLANEOUS
INDEX

Flat Blade Fuses

- 32 Volt
- Non-Time Delay
- Totally enclosed fuse link confines arc
- Transparent for visual inspection of element



Fuse Cross Reference Numbers			
16109	ATO003	AF3	ATC3
16120	ATO004	AF4	ATC4
16121	ATO005	AF5	ATC5
16122	ATO07.5	AF7-1/2	ATC7-1/2
16123	ATO010	AF10	ATC10
16124	ATO015	AF15	ATC15
16125	ATO020	AF20	ATC20
16126	ATO025	AF25	ATC25
16127	ATO030	AF30	ATC30

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16109	3A, 32V Flat Blade Fuse	5	100	EA
16120	4A, 32V Flat Blade Fuse	5	100	EA
16121	5A, 32V Flat Blade Fuse	5	100	EA
16122	7-1/2A, 32V Flat Blade Fuse	5	100	EA
16123	10A, 32V Flat Blade Fuse	5	100	EA
16124	15A, 32V Flat Blade Fuse	5	100	EA
16125	20A, 32V Flat Blade Fuse	5	100	EA
16126	25A, 32V Flat Blade Fuse	5	100	EA
16127	30A, 32V Flat Blade Fuse	5	100	EA

Dual Element Fuses

- Dual-Element Time-Delay
- Integral one-piece fuse & installation knob
- UL Listed / CSA Certified



Fuse Cross Reference Numbers
16140 GMQ3-2/10

ITEM NO.	DESCRIPTION	STD QTY	U M
16140	3-2/10A, 300V Dual Element Fuse	5	EA

Glass Body Fuses

- UL Listed / CSA Certified
- Fast-acting
- 1/4" x 1 1/4" (6.3 x 32 mm) physical size
- Glass tube, nickel-plated brass end cap construction
- UL Listed / CSA Certified



Fuse Cross Reference Numbers			
15269	312.100P	GGC1/10	AGC1/10
15271	312.250P	GGC1/4	AGC1/4
15276	312.500P	GGC1/2	AGC1/2
15278	312.750P	GGC3/4	AGC3/4
15280	312001P	GGC1	AGC1
15281	3121.25P	GGC1-1/4	AGC1-1/4
15282	31201.5P	GGC1-1/2	AGC1-1/2
15286	312002P	GGC2	AGC2
15288	31202.5P	GGC2-1/2	AGC2-1/2
15289	312003P	GGC3	AGC3
15292	312004P	GGC4	AGC4
15293	312005P	GGC5	AGC5
15294	312006P	GGC6	AGC6
15296	312007P	GGC7	AGC7
15298	312008P	GGC8	AGC8
15300	312010P	GGC10	AGC10
15303	312015P	GGC15	AGC15
15304	312020P	GGC20	AGC20
15306	312030P	GGC30	AGC30

ITEM NO.	DESCRIPTION	STD QTY	U M
15269	1/10A, 250V Glass Body Fuse	5	EA
15271	1/4A, 250V Glass Body Fuse	5	EA
15276	1/2A, 250V Glass Body Fuse	5	EA
15278	3/4A, 250V Glass Body Fuse	5	EA
15280	1A, 250V Glass Body Fuse	5	EA
15281	1-1/4A, 250V Glass Body Fuse	5	EA
15282	1-1/2A, 250V Glass Body Fuse	5	EA
15286	2A, 250V Glass Body Fuse	5	EA
15288	2-1/2A, 250V Glass Body Fuse	5	EA
15289	3A, 250V Glass Body Fuse	5	EA
15292	4A, 250V Glass Body Fuse	5	EA
15293	5A, 250V Glass Body Fuse	5	EA
15294	6A, 250V Glass Body Fuse	5	EA
15296	7A, 250V Glass Body Fuse	5	EA
15298	8A, 250V Glass Body Fuse	5	EA
15300	10A, 250V Glass Body Fuse	5	EA
15303	15A, 32V Glass Body Fuse	5	EA
15304	20A, 32V Glass Body Fuse	5	EA
15306	30A, 32V Glass Body Fuse	5	EA

Glass Body Fuses

- UL Listed & CSA Certified



Fuse Cross Reference Numbers			
15323	362001	GGX1	AGX1
15326	362002	GGX2	AGX2
15328	362003	GGX3	AGX3
15330	362005	GGX5	AGX5
15334	362010	GGX10	AGX10

ITEM NO.	DESCRIPTION	STD QTY	U M
15323	1A, 250V Glass Body Fuse	5	EA
15326	2A, 250V Glass Body Fuse	5	EA
15328	3A, 125V Glass Body Fuse	5	EA
15330	5A, 125V Glass Body Fuse	5	EA
15334	10A, 32V Glass Body Fuse	5	EA

UL Class RK5 Fuses (250 Volt)

- 200,000 amps rms
- Time delay
- CSA HRCI-R



Fuse Cross Reference Numbers

5760	FLNR010	TR10R	HAC-R10	ECNR10
5762	FLNR015	TR15R	HAC-R15	ECNR15
5763	FLNR020	TR20R	HAC-R20	ECNR20
5764	FLNR025	TR25R	HAC-R25	ECNR25
5765	FLNR030	TR30R	HAC-R30	ECNR30
5766	FLNR035	TR35R	HAC-R35	ECNR35
5767	FLNR040	TR40R	HAC-R40	ECNR40
5768	FLNR045	TR45R	HAC-R45	ECNR45
5769	FLNR050	TR50R	HAC-R50	ECNR50
5770	FLNR060	TR60R	HAC-R60	ECNR60
5771	FLNR070	TR70R	HAC-R70	ECNR70
5772	FLNR080	TR80R	HAC-R80	ECNR80
5773	FLNR100	TR100R	HAC-R100	ECNR100
5775	FLNR125	TR120R	HAC-R125	ECNR125

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
5760	10A, 250V RK5 Fuse	10	640	EA
5762	15A, 250V RK5 Fuse	10	640	EA
5763	20A, 250V RK5 Fuse	10	640	EA
5764	25A, 250V RK5 Fuse	10	640	EA
5765	30A, 250V RK5 Fuse	10	640	EA
5766	35A, 250V RK5 Fuse	10	240	EA
5767	40A, 250V RK5 Fuse	10	240	EA
5768	45A, 250V RK5 Fuse	10	240	EA
5769	50A, 250V RK5 Fuse	10	240	EA
5770	60A, 250V RK5 Fuse	10	240	EA
5771	70A, 250V RK5 Fuse	5		EA
5772	80A, 250V RK5 Fuse	5		EA
5773	100A, 250V RK5 Fuse	5		EA
5775	125A, 250V RK5 Fuse	1		EA

UL Class RK5 Fuses (600 Volt)

- Dual-Element / Time-Delay
- Interrupting Rating 200,000 A RMS SYM
- CSA HRCI-R



Fuse Cross Reference Numbers

15522	FLSR010	TRS10R	HAS-R10	DLS-R10
15524	FLSR015	TRS15R	HAS-R15	DLS-R15
15526	FLSR020	TRS20R	HAS-R20	DLS-R20
15527	FLSR025	TRS25R	HAS-R25	DLS-R25
15528	FLSR030	TRS30R	HAS-R30	DLS-R30
15529	FLSR035	TRS35R	HAS-R35	DLS-R35
15530	FLSR040	TRS40R	HAS-R40	DLS-R40
15531	FLSR045	TRS45R	HAS-R45	DLS-R45
15532	FLSR050	TRS50R	HAS-R50	DLS-R50
15533	FLSR060	TRS60R	HAS-R60	DLS-R60
15536	FLSR070	TRS70R	HAS-R70	DLS-R70
15537	FLSR080	TRS80R	HAS-R80	DLS-R80
15538	FLSR100	TRS100R	HAS-R100	DLS-R100

ITEM NO.	DESCRIPTION	STD QTY	U M
15522	10A, 600V UL Class RK5 Fuse	10	EA
15524	15A, 600V UL Class RK5 Fuse	10	EA
15526	20A, 600V UL Class RK5 Fuse	10	EA
15527	25A, 600V UL Class RK5 Fuse	10	EA
15528	30A, 600V UL Class RK5 Fuse	10	EA
15529	35A, 600V UL Class RK5 Fuse	10	EA
15530	40A, 600V UL Class RK5 Fuse	10	EA
15531	45A, 600V UL Class RK5 Fuse	10	EA
15532	50A, 600V UL Class RK5 Fuse	10	EA
15533	60A, 600V UL Class RK5 Fuse	10	EA
15536	80A, 600V UL Class RK5 Fuse	5	EA
15537	90A, 600V UL Class RK5 Fuse	5	EA
15538	100A, 600V UL Class RK5 Fuse	5	EA

UL Class G Fuses

- Time-Lag
- UL Listed



Fuse Cross Reference Numbers

15922	SLC010	AG10	SC10
15923	SLC015	AG15	SC15
15924	SLC020	AG20	SC20
15925	SLC025	AG25	SC25
15926	SLC030	AG30	SC30

ITEM NO.	DESCRIPTION	STD QTY	U M
15922	10A, 300V UL Class G Fuse	10	EA
15923	15A, 300V UL Class G Fuse	10	EA
15924	20A, 300V UL Class G Fuse	10	EA
15925	25A, 300V UL Class G Fuse	10	EA
15926	30A, 300V UL Class G Fuse	10	EA

General Purpose Fuses

- UL Listed & CSA Listed
- Non-Current Limiting



Fuse Cross Reference Numbers

5788	NLN035	KON35	NON35
5789	NLN040	KON40	NON40
5790	NLN045	KON45	NON45
5791	NLN050	KON50	NON50
5792	NLN060	KON60	NON60

ITEM NO.	DESCRIPTION	STD QTY	U M
5788	35A, 250V General Purpose	10	EA
5789	40A, 250V General Purpose	10	EA
5790	45A, 250V General Purpose	10	EA
5791	50A, 250V General Purpose	10	EA
5792	60A, 250V General Purpose	10	EA

Dual Element Plug Fuses

- Time-Delay / Dual Element
- For branch circuit protection



Fuse Cross Reference Numbers			
5817	S0001.6	GS1-6/10	S1-6/10
5828	S00015	GS15	S15
5829	S00020	GS20	S20
5830	S00025	GS25	S25
5831	S00030	GS30	S30

ITEM NO.	DESCRIPTION	STD QTY	U M
5817	1-6/10A, 125V Dual Element	4	EA
5828	15A, 125V Dual Element	4	EA
5829	20A, 125V Dual Element	4	EA
5830	25A, 125V Dual Element	4	EA
5831	30A, 125V Dual Element	4	EA

Time Delay Plug Fuses

- Time-Delay / Loaded-Link
- Heat Absorbing bead on element link
- Edison Base



Fuse Cross Reference Numbers			
15979	TLO015	GTL15	TL15
15980	TLO020	GTL20	TL20
15981	TLO025	GTL25	TL25
15982	TLO030	GTL30	TL30

ITEM NO.	DESCRIPTION	STD QTY	U M
15979	15A, 125V Time Delay	4	EA
15980	20A, 125V Time Delay	4	EA
15981	25A, 125V Time Delay	4	EA
15982	30A, 125V Time Delay	4	EA

Dual Element Plug Fuses

- 125 Volt
- Edison Base



Fuse Cross Reference Numbers			
5807	TOO6.25	GT6-14	T6-1/4
5808	TOO008	GT8	T8
5809	TOO010	GT10	T10
5810	TOO012	GT12	T12
5811	TOO015	GT15	T15
5812	TOO020	GT20	T20
5813	TOO025	GT25	T25
5814	TOO030	GT30	T30

ITEM NO.	DESCRIPTION	STD QTY	U M
5807	6-1/4A, 125V Dual Element	4	EA
5808	8A, 125V Dual Element	4	EA
5809	10A, 125V Dual Element	4	EA
5810	12A, 125V Dual Element	4	EA
5811	15A, 125V Dual Element	4	EA
5812	20A, 125V Dual Element	4	EA
5813	25A, 125V Dual Element	4	EA
5814	30A, 125V Dual Element	4	EA

Type S Fuse Adapter

- Screw into "Edison" thread fuse socket
- Preventing wrong size fuse from being used



Fuse Cross Reference Numbers			
5832	SAO01.6	SA1-6/10	
5835	SAO015	SAG15	SA15
14961	SAO020	SAG20	SA20

ITEM NO.	DESCRIPTION	STD QTY	U M
5832	1-6/10A Type S Fuse Adapter	4	EA
5835	15A Type S Fuse Adapter	4	EA
14961	20A Type S Fuse Adapter	4	EA

Fuse Adapters

Fuse Cross Reference Numbers			
5861	LRU263R	R632	263-R
16004	LRU263M	632	263



ITEM NO.	DESCRIPTION	STD QTY	U M
5861	60 - 30 Class R Reducer, 250V (RK5)	1	PR
16004	60 - 30 Class H Reducer, 250V (NON)	1	PR

1/4" Fuseholders

- 1/4" x 7/8" to 1/4" x 1 1/4"
- Universal in-line fuse holder.
- Wire leads included



Fuse Cross Reference Numbers			
15218	150145	SFRU	BP/HRK

ITEM NO.	DESCRIPTION	STD QTY	U M
15218	1/4" In-Line Holder w/leads, 32V, 15A	5	EA

Flat Blade In-Line Fuseholders

- Rated 12 volts DC maximum
- 3 - 20 Amps



Fuse Cross Reference Numbers			
19837	FHA001	AFH20-16	HHC
19842	FHA002	AFH30-12	HHD

ITEM NO.	DESCRIPTION	STD QTY	U M
19837	Fuseholder, #16 Wire, 16A	10	EA
19842	Fuseholder, #12 Wire, 30A	10	EA

Plastic Fuse Puller

5858 Fuse Cross Reference Numbers
MFP 34-015G BP/FP-2



ITEM NO.	DESCRIPTION	STD QTY	U M
5858	For 13/32" to 13/16" Fuses	1	EA

Box Cover Units With Receptacle

- 125 Volt
- For device using attachment cord & plug (3/4 hp or smaller)
- Edison based fuses required

5840 Fuse Cross Reference Numbers
5843 LSRU CRU SRU SRY



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
5840	Handy Box Cover Unit	1	50	EA
5843	4" Square Box Cover Unit	1	50	EA

Box Cover Units With Switch

- For motors 1/2 hp or smaller 125 V
- Edison based fused required

5844 Fuse Cross Reference Numbers
5846 LSSU CSU SSU SSX
5847 LSSY CSY SSY



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
5844	Cover for 2-1/4" Handy Box	1	60	EA
5846	Cover for 4" Octagon Box	1	50	EA
5847	Cover for 4" Square Box	1	50	EA

Eaton Main Lug Panels

- Breakers not included
- Single-phase, 3-wire
- Insulated/bondable neutral
- 120/240 Volts AC
- 10,000 AIC
- UL listed



ITEM NO.	DESCRIPTION	STD QTY	U M
18472	70A Surface Mount, 2 Space 4 Poles	1	EA
18473	70A Flush Mount, 2 Space 4 Poles	1	EA
18474	125A Surface Mount, 4 Space 8 Poles	1	EA
18475	125A Flush Mount, 4 Space 8 Poles	1	EA

Eaton Square D Type "QO" Replacement Breakers

- UL classified & CSA listed



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18150	CHQ115R 15A, SP 120/240VAC	1	10	EA
18151	CHQ120R 20A, SP 120/240VAC	1	10	EA
18152	CHQ130R 30A, SP 120/240VAC	1	10	EA
18153	CHQ140R 40A, SP 120/240VAC	1	10	EA
18154	CHQ150R 50A, SP 120/240VAC	1	10	EA
18155	CHQ215R 15A, DP 120/240VAC	1	5	EA
18156	CHQ220R 20A, DP 120/240VAC	1	5	EA
18157	CHQ225R 25A, DP 120/240VAC	1	5	EA
18158	CHQ230R 30A, DP 120/240VAC	1	5	EA
18159	CHQ240R 40A, DP 120/240VAC	1	5	EA
18160	CHQ250R 50A, DP 120/240VAC	1	5	EA
18161	CHQ260R 60A, DP 120/240VAC	1	5	EA

Eaton 1" UL Classified Breakers

- Replacement for Square D Homeline "HOM"
- 120/240V AC
- 10,000 AIC

Breaker Cross Reference Numbers

18219	MP115	THQL1115	Q115	TB115	HOM115	625-GS15H
18220	MP120	THQL1120	Q120	TB120	HOM120	625-GS20H
18221	MP130	THQL1130	Q130	TB130	HOM130	625-GS30H
18222	MP140	THQL1140	Q140	TB140	HOM140	625-GS40H
18223	MP150	THQL1150	Q150	TB150	HOM150	625-GS50H
18224	MP215	THQL2115	Q215	TB215	HOM215	625-GD15H
18225	MP220	THQL2120	Q220	TB220	HOM220	625-GD20H
18226	MP225	THQL2125	Q225	TB225	HOM225	
18227	MP230	THQL2130	Q230	TB230	HOM230	625-GD30H
18228	MP240	THQL2140	Q240	TB240	HOM240	625-GD40H
18229	MP250	THQL2150	Q250	TB250	HOM250	625-GD50H



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18219	CL115 15A, SP 120/240VAC	1	10	EA
18220	CL120 20A, SP 120/240VAC	1	10	EA
18221	CL130 30A, SP 120/240VAC	1	10	EA
18222	CL140 40A, SP 120/240VAC	1	10	EA
18223	CL150 50A, SP 120/240VAC	1	10	EA
18224	CL215 15A, DP 120/240VAC	1	5	EA
18225	CL220 20A, DP 120/240VAC	1	5	EA
18226	CL225 25A, DP 120/240VAC	1	5	EA
18227	CL230 30A, DP 120/240VAC	1	5	EA
18228	CL240 40A, DP 120/240VAC	1	5	EA
18229	CL250 50A, DP 120/240VAC	1	5	EA

Eaton Circuit Breakers 1" Interchangeable Type

- UL & CSA listed
- Can be used in loadcenters by: Westinghouse, Bryant, American Switch, Arrow-Hart, Sylvania, Challenger, Crouse Hinds, General Electric, General Switch, GTE, Gould I-T-E & Murray



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18125	BR115R 15A, SP 120/240 VAC	1	10	EA
18126	BR120R 20A, SP120/240 VAC	1	10	EA
18127	BR130R 30A, SP 120/240 VAC	1	10	EA
18128	BR140R 40A, SP 120/240 VAC	1	10	EA
18129	BR150R 50A, SP 120/240 VAC	1	10	EA
18130	BR215R 15A, DP 120/240 VAC	1	10	EA
18131	BR220R 20A, DP 120/240 VAC	1	5	EA
18132	BR225R 25A, DP 120/240 VAC	1	5	EA
18133	BR230R 30A, DP 120/240 VAC	1	5	EA
18134	BR240R 40A, DP 120/240 VAC	1	5	EA
18135	BR250R 50A, DP 120/240 VAC	1	5	EA
18136	BR260R 60A, DP 120/240 VAC	1	5	EA
18137	BR270R 70A, DP 120/240 VAC	1	5	EA
18138	BR2100R 100A, DP 120/240 VAC	1	5	EA
18139	BR2125R 125A, DP 120/240 VAC	1	5	EA

Metal HVAC Disconnects

- Type 3R enclosure - rainproof
- UL/cUL Listed
- 240 volts / single phase
- 7-3/8" (8" w/ Locking Tab) x 5-1/8" (6-3/4" w/ Mounting Tabs) x 2-3/4" (3-1/4" w/ Fused Cover)
- Individually boxed
- Fuses not included



ITEM NO.	DESCRIPTION	STD QTY	U M
20650	60A Non-Fused Metal Disconnect	12	EA
20651	30A Fused Metal Disconnect	12	EA
20652	60A Fused Metal Disconnect	12	EA

Midwest Electric Metal A/C Disconnects

- NEMA 3R enclosure - rainproof
- Items #13154, 13156 & 13157 are CSA Listed
- Fuses not included
- Items #13154 & 13156: 7-3/8" x 4-7/8"
- Item #13157: 9-1/8" x 4-7/8"
- Fuses not included



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
13154	U065P 60A, 240V 1 Phase No Fuse	6	360	EA
13155	U0653P 60A, 240V 3 Phase No Fuse	1		EA
13156	U035F 30A, 120/240V 1 Phase Fused	6	360	EA
13157	U065F 60A, 120/240V 1 Phase Fused	6	288	EA
13159	U0353F 30A, 120/240V 3 Phase Fused	1		EA
13160	U0653F 60A, 120/240V 3 Phase Fused	1		EA
13149	Pullout For 60A Non-Fused Disconnect	6		EA

Midwest Electric Non-Automatic (Switched) Disconnect

- UL & Canadian UL listed
- 5" x 7" x 2" compact NEMA 3R enclosure
- Straight lugs for quick connections
- Six 1/2" x 3/4" x 1" concentric knockouts
- 60 amp, 240 volts, 10 horsepower & 10,000AIC rating
- Patent pending on/off mechanism... no more pullouts to lose



ITEM NO.	DESCRIPTION	STD QTY	U M
17666	U065NA1 60A Switched Disconnect	6	EA

Midwest Electric Plastic A/C Disconnects

- NEMA 3R enclosure - rainproof
- UL & CSA Listed
- Constructed of Noryl thermoplastic
- Durable & corrosion resistant
- Fuses not included



ITEM NO.	DESCRIPTION	STD QTY	U M
13146	P065P 60A 120/240V 1 PH No Fuse	6	EA
13147	P065F 60A 120/240V 1 PH Fused	6	EA
13148	P035F 30A 120/240V 1 PH Fused	6	EA

Midwest Electric Metal AC GFCI Disconnect

- 240V AC, single phase N3R
- UL & CUL listed
- Heavy galvanized "G90" steel
- 15 amp tamper & weather resistant GFCI receptacle
- Compact size: 5" x 7" x 4"
- High quality electro-deposition finish resists corrosion
- Satisfies NEC 210.63 requirements for heating & cooling equipment article 406.8(B)(1)



ITEM NO.	DESCRIPTION	STD QTY	U M
13153	60A Non-Fused Disconnect with GFCI	6	EA

Whips With NM Fittings

- Each whip comes assembled
- Wire is in 3 distinct colors for ease of hook-up
- Saves time & effort wiring air conditioner condensers
- 2 electrical reducing washers included



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
18823	1/2" x 4'; 10 ga. THHN; 1-Str / 1-90°	24	720	EA
18825	1/2" x 6'; 10 ga. THHN; 1-Str / 1-90°	24	576	EA
18827	3/4" x 4'; 8 ga. + grnd; 1-Str / 1-90°	24	576	EA
18829	3/4" x 6'; 8 ga. + grnd; 1-Str / 1-90°	12	360	EA

Whips With Metal Fittings

- Each whip comes assembled
- Wire is in 3 distinct colors for ease of hook-up
- Saves time & effort wiring air conditioner condensers
- 2 electrical reducing washers included



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
18831	1/2" x 4'; 10 ga. THHN; 1-Str / 1-90°	24	720	EA
18833	1/2" x 6'; 10 ga. THHN; 1-Str / 1-90°	24	576	EA
18835	3/4" x 4'; 8 ga. + grnd; 1-Str / 1-90°	24	576	EA
18837	3/4" x 6'; 8 ga. + grnd; 1-Str / 1-90°	12	360	EA

NM Liquid Tight Conduit

- UL listed
- Unique solution for JIC & UL applications
- Non-metal - no metal fatigue possible
- Strong, lightweight, & flexible
- For general purpose applications



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
7440	1/2" x 100' Roll Conduit	1	48	RL
7441	3/4" x 100' Roll Conduit	1	36	RL

Flexible Metal Conduit

- Greenfield



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
7452	3/8" x 100' Roll Aluminum Conduit	1	112	RL
7453	1/2" x 100' Roll Aluminum Conduit	1	54	RL
7454	3/4" x 100' Roll Aluminum Conduit	1	36	RL

TFFN Stranded Copper Wire

- 16 & 18 gauge



ITEM NO.	DESCRIPTION	STD QTY	U M
13808	18 Gauge Red 500' Spool	1	SP
13809	18 Gauge Black 500' Spool	1	SP
13810	18 Gauge White 500' Spool	1	SP
13811	18 Gauge Green 500' Spool	1	SP
13812	18 Gauge Blue 500' Spool	1	SP
13921	18 Gauge Yellow 500' Spool	1	SP
13813	16 Gauge Red 500' Spool	1	SP
13814	16 Gauge Black 500' Spool	1	SP
13816	16 Gauge Green 500' Spool	1	SP
13817	16 Gauge Blue 500' Spool	1	SP
13922	16 Gauge Yellow 500' Spool	1	SP

STANDARDS & BASES
EQUIPMENT
CONDENSATE
DRAIN PLUMBING & CHEMICALS
SEALANTS LUBES
VENTING
ELECTRONICS & CONTROLS
ELECTRICAL
TOOLS
MISCELLANEOUS
INDEX

THHN Stranded Copper Wire

- 8, 10, 12 & 14 gauge



ITEM NO.	DESCRIPTION	STD QTY	U M
13818	14 Gauge Red 500' Spool	1	SP
13819	14 Gauge Black 500' Spool	1	SP
13820	14 Gauge White 500' Spool	1	SP
13821	14 Gauge Green 500' Spool	1	SP
13822	14 Gauge Blue 500' Spool	1	SP
13823	12 Gauge Red 500' Spool	1	SP
13824	12 Gauge Black 500' Spool	1	SP
13825	12 Gauge White 500' Spool	1	SP
13826	12 Gauge Green 500' Spool	1	SP
13827	12 Gauge Blue 500' Spool	1	SP
13828	10 Gauge Red 500' Spool	1	SP
13829	10 Gauge Black 500' Spool	1	SP
13830	10 Gauge White 500' Spool	1	SP
13831	10 Gauge Green 500' Spool	1	SP
13832	10 Gauge Blue 500' Spool	1	SP
7880	8 Gauge Black 500' Spool	1	SP
7882	8 Gauge Red 500' Spool	1	SP
7883	8 Gauge Green 500' Spool	1	SP

18 Gauge CL2 Thermostat Wire

- UL Listed
- Metal Spools



ITEM NO.	DESCRIPTION	STD QTY	U M
15000	18-2 UL CL2 Wire, 500' Spool	4	SP
15001	18-3 UL CL2 Wire, 500' Spool	4	SP
15002	18-4 UL CL2 Wire, 250' Spool	4	SP
15003	18-5 UL CL2 Wire, 250' Spool	4	SP
15004	18-6 UL CL2 Wire, 250' Spool	4	SP
15005	18-7 UL CL2 Wire, 250' Spool	4	SP
15006	18-8 UL CL2 Wire, 250' Spool	4	SP
15007	18-9 UL CL2 Wire, 250' Spool	4	SP
15007	18-9 UL CL2 Wire, 250' Spool	4	SP
15008	18-10 UL CL2 Wire, 250' Spool	1	SP
15009	18-12 UL CL2 Wire, 250' Spool	1	SP

20 Gauge CL2 Thermostat Wire

- UL Listed
- Metal Spools



ITEM NO.	DESCRIPTION	STD QTY	U M
15010	20-2 UL CL2 Wire, 500' Spool	4	SP
15011	20-3 UL CL2 Wire, 500' Spool	4	SP
15012	20-4 UL CL2 Wire, 250' Spool	4	SP
15013	20-5 UL CL2 Wire, 250' Spool	4	SP
15014	20-6 UL CL2 Wire, 250' Spool	4	SP
15015	20-7 UL CL2 Wire, 250' Spool	4	SP
15016	20-8 UL CL2 Wire, 250' Spool	4	SP
15017	20-9 UL CL2 Wire, 250' Spool	4	SP
15018	20-10 UL CL2 Wire, 250' Spool	4	SP
15019	20-12 UL CL2 Wire, 250' Spool	4	SP

Thermostat Wire Staples

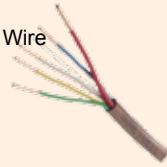
- Display pack of 40
- Size 1/8"
- Fibre coated



ITEM NO.	DESCRIPTION	STD QTY	U M
14838	Fibre Coated Thermostat Wire Staple	400	EA

Hybrid Thermostat Wire

- UL Standard 13; NEC Article 725
- Solid 18 AWG Red Power Wire & 20 AWG Copper Wire
- Brown PVC Jacket
- Polypropylene Insulation
- Metal Spools



ITEM NO.	DESCRIPTION	STD QTY	U M
21003	5C 18(x1)/20(x4) SOL CL2 250'	4	SP
21004	6C 18(x1)/20(x5) SOL CL2 250'	4	SP
21006	8C 18(x1)/20(x7) SOL CL2 250'	4	SP
21008	10C 18(x1)/20(x9) SOL CL2 250'	4	SP

18 Gauge CL2P Plenum Thermostat Wire

- UL Listed
- Metal Spools



ITEM NO.	DESCRIPTION	STD QTY	U M
15020	18-2 UL CL2P Plenum Wire, 500' Spl	4	SP
15021	18-3 UL CL2P Plenum Wire, 500' Spl	4	SP
15022	18-4 UL CL2P Plenum Wire, 250' Spl	4	SP
15023	18-5 UL CL2P Plenum Wire, 250' Spl	4	SP
15024	18-6 UL CL2P Plenum Wire, 250' Spl	4	SP
15025	18-8 UL CL2P Plenum Wire, 250' Spl	4	SP

18 Gauge CL2P Shielded Thermostat Wire

- UL Listed
- Plenum Wire
- Metal Spools
- 100% aluminum foil shield with drain wire outside



ITEM NO.	DESCRIPTION	STD QTY	U M
17537	18-2 UL CL2P Shielded, 500' Spool	1	SP
17538	18-3 UL CL2P Shielded, 500' Spool	1	SP
17539	18-4 UL CL2P Shielded, 250' Spool	1	SP
17542	18-5 UL CL2P Shielded, 250' Spool	1	SP
17543	18-6 UL CL2P Shielded, 250' Spool	1	SP
17546	18-8 UL CL2P Shielded, 250' Spool	1	SP

Mini Split Control Cable

- UL listed
- Stranded bare copper conductors
- PVC jacket
- Sunlight resistant



Unit Manufacturer Compatibility

17557 & 17558 - Carrier, Friedrich, Fujitsu, Heat Controller, Mitsubishi, Quietside, Samsung, Sanyo, & York

17559 - Sanyo

17560 - LG

17561 - Samsung

17563 - Envionair, Quietside

17562 - Daikin

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17557	[1073] 14/4 THHN Cable 50' (Black)	1	5	SP
17558	[1073] 14/4 THHN Cable 250' (Black)	1	4	SP
17559	[1214] 18/2 CM/CL2 Cable 250' (Gray)	1	4	SP
17562	[1214] 18/2 CM/CL2 Cable 500' (Gray)	1	2	SP
17560	[1215] 18/4 CM/CL2 Cable 250' (Gray)	1	4	SP
17561	[1221] 16/2 CM/CL2 Cable 500' (Gray)	1	2	SP
17563	[1073] 14/7 THHN Cable 50' (Black)	1	5	SP
17564	[1073] 14/7 THHN Cable 250' (Black)	1	4	SP
17568	[1068] 16/4 THHN Cable 50'	1	5	SP
17569	[1068] 16/4 THHN Cable 250'	1	4	SP

Non-Metallic Sheathed Cable Type NM-B (Romex)

- 2 Conductors: black, white, bare ground
- 3 Conductors: black, white, red, bare ground
- Meets UL 719 & JC 94B specifications
- Copper wire



ITEM NO.	DESCRIPTION	STD QTY	U M
16048	14-2 With Ground, 250' - Yellow	1	RL
16049	12-2 With Ground, 250' - Orange	1	RL
16050	10-2 With Ground, 250'	1	RL
16051	8-2 With Ground, 125'	1	RL
16052	6-2 With Ground, 125'	1	RL
16056	8-3 With Ground, 125'	1	RL
16057	6-3 With Ground, 125'	1	RL

Aluminum Clad Cable Type MC

- With insulated green ground
- Copper wire



ITEM NO.	DESCRIPTION	STD QTY	U M
20106	14-2 With Insulated Ground, 250'	1	RL
20107	12-2 With Insulated Ground, 250'	1	RL

NM Liquid Tight Fittings, Nylon

- UL listed

Fitting Cross Reference Numbers

13170	750-NMLT50
13171	750-NMLT75
13172	750-NMLT9050
13173	750-NMLT9075
13177	750-NMLT00
13178	750-NMLT90100



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13170	1/2" Straight, Multi-Piece	25	100	EA
13172	1/2" 90° Elbow, Multi-Piece	10	100	EA
13174	1/2" 45° Elbow, Multi-Piece	50	100	EA
13171	3/4" Straight, Multi-Piece	10	100	EA
13173	3/4" 90° Elbow, Multi-Piece	10	100	EA
13175	3/4" 45° Elbow, Multi-Piece	50	100	EA
13177	1" Straight, Multi-Piece	5	50	EA
13178	1" 90° Elbow, Multi-Piece	5	50	EA

NM Liquid Tight Fittings, PVC

- UL listed

Fitting Cross Reference Numbers

19000	85016
19001	85017
19002	85020
19003	85021



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19000	1/2" Straight, Multi-Piece	25	100	EA
19001	3/4" Straight, Multi-Piece	10	100	EA
19002	1/2" 90° Elbow, Multi-Piece	10	100	EA
19003	3/4" 90° Elbow, Multi-Piece	10	100	EA

NM Adjustable Liquid Tight Fitting

- Fully adjustable... offset straight through 90°
- Smooth internal radius makes wire easy to push through



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19019	1/2" Fitting	10	100	EA
19020	3/4" Fitting	10	100	EA

Metal Liquid Tight Fittings

- UL listed



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
7504	1/2" 90°, Lock-Nut (Single Piece)	25		EA
15065	1/2" Straight, Lock-Nut (Multi-Piece)	25	100	EA
15067	1/2" 90°, Lock-Nut (Multi-Piece)	25	100	EA
15066	3/4" Straight, Lock-Nut (Multi-Piece)	25	100	EA
15068	3/4" 90°, Lock-Nut (Multi-Piece)	10	50	EA

Electrical Romex (NM Cable) Fittings



ITEM NO.	DESCRIPTION	STD QTY	U M
7575	3/8" (1/2" K.O.) Romex Connector	100	EA
17862	3/8" Non-Metallic Push-In Wedge	100	EA
17861	1/2" "Black Button" Push-In Conn	250	EA
17863	1/2" Non-Metallic Push-In Conn	50	EA
18855	3/4" "Black Button" Push-In Conn	50	EA
7576	3/4" Romex Connector	50	EA
17864	3/4" Non-Metallic Push-In Conn	25	EA
14803	1" Romex Connector	25	EA
14804	1-1/2" Romex Connector	10	EA

BX & Greenfield Connectors



7565
7566
14202



7573



14270



7574



17869



7568
7569
7570
14314



14212



17877

ITEM NO.	DESCRIPTION	STD QTY	U M
7568	3/8" 90° Squeeze Connector (1/2" KO)	50	EA
7574	3/8" Box Connector (1/2" KO)	100	EA
14212	3/8" Set Screw BX Connector (1/2" KO)	100	EA
17869	3/8" Conn Saddlegrip (1/2" KO)	50	EA
17877	3/8" 90° Snap-Tite Connector (1/2" KO)	50	EA
7565	1/2" Squeeze Connectors	25	EA
7569	1/2" 90° Squeeze Connector	25	EA
7573	1/2" Box Connector, Set Screw	25	EA
14270	1/2" EMT To 3/8" Greenfield	50	EA
17854	1/2" 45° Connector	25	EA
7566	3/4" Squeeze Connectors	25	EA
7570	3/4" 90° Squeeze Connector	10	EA
14202	1" Squeeze Connectors	10	EA
14314	1" 90° Squeeze Connector	5	EA

Rigid Conduit Fittings



7490
7491



7548
7549



14354



14518
14519

ITEM NO.	DESCRIPTION	STD QTY	U M
7490	1/2" Offset Connector	20	EA
7491	3/4" Offset Connector	10	EA
7548	1/2" Threaded Oval w/ Cvr & Gskt	10	EA
7549	3/4" Threaded Oval w/ Cvr & Gskt	10	EA
14354	1/2" Conduit Nipples	100	EA
14518	1/2" Pulling Elbow With Cvr & Gskt	10	EA
14519	3/4" Pulling Elbow With Cvr & Gskt	5	EA

Thinwall Fittings (E.M.T.)



7512
7513
14090



7516
7517
14094



7520
7521
14108



7524
7525
14112



7537

ITEM NO.	DESCRIPTION	STD QTY	U M
7512	1/2" Conn, (Rain Tight)	50	EA
7516	1/2" Cplg Compression	50	EA
7520	1/2" Connector, (Concrete Tight)	50	EA
7524	1/2" Cplg, (Concrete Tight)	50	EA
7513	3/4" Conn, (Rain Tight)	25	EA
7517	3/4" Coupling Compression Type	25	EA
7521	3/4" Conn, (Concrete Tight)	25	EA
7525	3/4" Cplg, (Concrete Tight)	25	EA
7537	3/4" Offset Conn., E.M.T. To Box	10	EA
14090	1" Conn, (Rain Tight)	50	EA
14098	1" 90° Conn, (Rain Tight)	10	EA
14094	1" Coupling Compression Type	50	EA
14108	1" Connector, (Concrete Tight)	50	EA
14112	1" Coupling, (Concrete Tight)	50	EA

Snap-In Blanks

- Plated steel



ITEM NO.	DESCRIPTION	STD QTY	U M
17878	1/2" Steel Snap-In Blanks	100	EA
17879	3/4" Steel Snap-In Blanks	50	EA
17884	1" Steel Snap-In Blanks	50	EA

Reducing Washers



ITEM NO.	DESCRIPTION	STD QTY	U M
7552	3/4" x 1/2" Reducing Washers	100	EA
7553	1" x 1/2" Reducing Washers	100	EA
7554	1" x 3/4" Reducing Washers	100	EA
14865	1-1/4" x 1/2" Reducing Washers	50	EA
14866	1-1/4" x 3/4" Reducing Washers	50	EA
14867	1-1/4" x 1" Reducing Washers	50	EA
14868	1-1/2" x 1/2" Reducing Washers	50	EA
14869	1-1/2" x 3/4" Reducing Washers	50	EA
14870	1-1/2" x 1" Reducing Washers	50	EA
14871	1-1/2" x 1-1/4" Reducing Washers	50	EA

1 & 2 Hole Rigid Conduit Straps

- Also fits PVC & Black Iron Pipe



ITEM NO.	DESCRIPTION	STD QTY	U M
14843	3/8" Rigid, 1 Hole Steel Strap	100	EA
20148	3/8" Rigid, 1 Hole Strap - Bulk	2000	EA
14844	1/2" Rigid, 1 Hole Steel Strap	100	EA
20149	1/2" Rigid, 1 Hole Strap - Bulk	1250	EA
20150	3/4" Rigid, 1 Hole Strap - Bulk	750	EA
20151	1" Rigid, 1 Hole Strap - Bulk	500	EA
20152	1-1/4" Rigid, 1 Hole Strap - Bulk	300	EA
20153	1-1/2" Rigid, 1 Hole Strap - Bulk	200	EA
20154	2" Rigid, 1 Hole Strap - Bulk	125	EA
14856	3/8" Rigid, 2 Hole Steel Strap	100	EA
20161	3/8" Rigid, 2 Hole Strap - Bulk	1600	EA
20162	1/2" Rigid, 2 Hole Strap - Bulk	1000	EA
20163	3/4" Rigid, 2 Hole Strap - Bulk	700	EA
20164	1" Rigid, 2 Hole Strap - Bulk	700	EA
20165	1-1/4" Rigid, 2 Hole Strap - Bulk	400	EA
20166	1-1/2" Rigid, 2 Hole Strap - Bulk	275	EA
20167	2" Rigid, 2 Hole Strap - Bulk	200	EA

1 & 2 Hole E.M.T. Straps

- Also fits Copper Tube



ITEM NO.	DESCRIPTION	STD QTY	U M
7544	1/2" E.M.T., 1 Hole Steel Strap	100	EA
20142	1/2" E.M.T., 1 Hole Strap - Bulk	2000	EA
7545	3/4" E.M.T., 1 Hole Steel Strap	100	EA
20143	3/4" E.M.T., 1 Hole Strap - Bulk	1250	EA
14839	1" E.M.T., 1 Hole Steel Strap	50	EA
20144	1" E.M.T., 1 Hole Strap - Bulk	750	EA
20145	1-1/4" E.M.T., 1 Hole Strap - Bulk	400	EA
20146	1-1/2" E.M.T., 1 Hole Strap - Bulk	250	EA
20147	2" E.M.T., 1 Hole Strap - Bulk	150	EA
20155	1/2" E.M.T., 2 Hole Strap - Bulk	1500	EA
20156	3/4" E.M.T., 2 Hole Strap - Bulk	900	EA
20157	1" E.M.T., 2 Hole Strap - Bulk	600	EA
20158	1-1/4" E.M.T., 2 Hole Strap - Bulk	550	EA
20159	1-1/2" E.M.T., 2 Hole Strap - Bulk	375	EA
20160	2" E.M.T., 2 Hole Strap - Bulk	200	EA

Conduit Hangers



ITEM NO.	DESCRIPTION	STD QTY	U M
7478	Size 0, Fits 3/8" - 1/2" HW, 1/2" TW	100	EA
7479	Size 1, Fits 3/4" HW, 3/4" TW	100	EA
7480	Size 2, Fits 1" HW, 1" TW	100	EA
7481	Size 2-1/2, Fits 1-1/4" TW	100	EA
7482	Size 3, Fits 1-1/4" HW, 1-1/2" TW	100	EA
7483	Size 4, Fits 1-1/2" HW	100	EA
7484	Size 5, Fits 2" HW, 2" TW	50	EA
7485	Size 6, Fits 2-1/2" HW	50	EA

Cable Straps / Staples



ITEM NO.	DESCRIPTION	STD QTY	U M
7579	14 / 2, 12 / 2, RX or BX 1/2" Wire	250	EA
7580	14, 12, or 10 RX or UF 3/4" Flat	250	EA
16255	1/2" Romex Staples	100	EA

Vinyl Grommets

- Point of purchase packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
13693	1/4" Panel Hole Size (100/Pk)	1	PK
13695	5/16" Panel Hole Size (100/Pk)	1	PK
13697	3/8" Panel Hole Size (100/Pk)	1	PK
13699	7/16" Panel Hole Size (100/Pk)	1	PK
13701	1/2" Panel Hole Size (100/Pk)	1	PK
13703	5/8" Panel Hole Size (100/Pk)	1	PK
13705	21/32" Panel Hole Size (100/Pk)	1	PK
13707	7/8" Panel Hole Size (100/Pk)	1	PK
13709	1" Panel Hole Size (100/Pk)	1	PK

Plastic Cable Clamps

- Point of purchase packaging



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13764	1/8" Diameter (100/Pk)	1	300	PK
13766	3/16" Diameter (100/Pk)	1	300	PK
13768	1/4" Diameter (100/Pk)	1	300	PK
13772	3/8" Diameter (100/Pk)	1	200	PK
13776	1/2" Diameter (100/Pk)	1	200	PK
13778	9/16" Diameter (100/Pk)	1	120	PK
13780	5/8" Diameter (100/Pk)	1	80	PK
13782	3/4" Diameter (100/Pk)	1	60	PK
13784	7/8" Diameter (100/Pk)	1	50	PK
13786	1" Diameter (100/Pk)	1	45	PK

BRAIDED PVC TUBING



- Non-toxic clear PVC
- Synthetic braid reinforcement
- 23°F (-5°C) to 140°F (60°C) service temperature range
- 1/4" & 3/8" tubing has a 200 PSI working & 600 PSI burst pressure
- 1/2", 5/8", & 3/4" tubing have a 150 PSI working & 450 PSI burst pressure

CLEAR VINYL TUBING



- A clear, tough, flexible tubing
- Excellent for condensate drainage
- 23°F (-5°C) to 149°F (65°C) service temperature range
- 1/4", 3/8", & 1/2" tubing have a 21 PSI working & 58 PSI burst pressure
- 5/8", 3/4" & 7/8" tubing have a 14 PSI working & 43 PSI burst pressure

SEE SIZES AVAILABLE ON PAGE 30

Cable Ties

- Point of purchase packaging
- 1/16" minimum bundle diameter
- Available in black or natural nylon



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13742	4" Natural, 13/16" Max Dia. (100/Pk)	1	250	PK
13744	5-1/2" Natural, 13/8" Max Dia. (100/Pk)	1	230	PK
13745	7" Natural, 2" Max Dia. (30/Pk)	1	360	PK
13751	7" Black, 2" Max Dia. (30/Pk)	1	360	PK
13746	7" Natural, 2" Max Dia. (100/Pk)	1	180	PK
13752	7" Black, 2" Max Dia. (100/Pk)	1	180	PK
13748	11" Natural, 3" Max Dia. (50/Pk)	1	140	PK
13754	11" Black, 3" Max Dia. (50/Pk)	1	140	PK
13977	11" Natural, 3" Max Dia. (100/Pk)	1	140	PK
13730	11" Black, 3" Max Dia. (100/Pk)	1	140	PK
13750	14" Natural, 4" Max Dia. (50/Pk)	1	120	PK
13756	14" Black, 4" Max Dia. (50/Pk)	1	240	PK

Cable Ties - Bulk Packed

- Point of purchase packaging
- Available in black or natural nylon



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15031	7" Natural, 2" Max Dia. (1000/Pk)	1	18	PK
15034	7" Black, 2" Max Dia. (1000/Pk)	1	18	PK
18856	11" Natural, 3" Max Dia. (1000/Pk)	1	14	PK
18858	11" Black, 3" Max Dia. (1000/Pk)	1	14	PK
18857	14" Natural, 4" Max Dia. (1000/Pk)	1	12	PK
18859	14" Black, 4" Max Dia. (1000/Pk)	1	12	PK

Cable Tie Assortment Pack

- 50 ea. 7" & 100 ea. 11" per pack
- Convenient Zipper Bag



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15216	7" & 11" Cable Tie Assortment Pack	10		PK
16675	7" & 11" Black Cable Tie Assortment Pack	10		PK

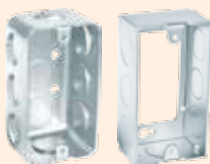
Mounting Head Cable Ties

- Point of purchase packaging
- 1/16" minimum bundle diameter



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13758	6", 1-3/8" Max Bundle Dia. (100/Pk)	1	250	PK
13760	7", 2" Max Bundle Dia. (100/Pk)	1	100	PK
13762	14", 4" Max Bundle Dia. (50/Pk)	1	75	PK

Standard Steel Utility Boxes (4" x 2-1/8" Handy Boxes)



ITEM NO.	DESCRIPTION	STD QTY	U M
7594	1-1/2" Deep, 1/2" K.O.'s Handy Box	50	EA
7595	1-7/8" Deep, 1/2" K.O.'s Handy Box	50	EA
7596	2-1/8" Deep, 1/2" K.O.'s Handy Box	50	EA
7597	1-7/8" Deep, 3/4" K.O.'s Handy Box	50	EA
17382	1-1/2" Deep, 1/2" K.O.'s Extension	50	EA

Weatherproof Wall Plates

- Meets UL in damp or wet area
- Corrosion resistant baked-on gray finish
- Accept attachment plugs up to 1-1/2" diameter
- Includes mounting screws & rubber gasket
- For surface-mounted outdoor-type outlet boxes or flush-mounted wall boxes



ITEM NO.	DESCRIPTION	STD QTY	U M
8621	Weatherproof Wall Plate	10	EA

Steel Electrical Boxes & Extension Rings



ITEM NO.	DESCRIPTION	STD QTY	U M
7583	4" Octagon Box 1-1/2" Deep	50	EA
7584	4" Octagon Box 2-1/8" Deep	25	EA
7587	4" Square Box 1-1/2" Deep	50	EA
7588	4" Square Box 2-1/8" Deep	25	EA
13431	4" Square Box 1-1/2" Deep 1/2" KOs	50	EA
13432	4" Square 1-1/2" Deep 1/2" & 3/4" KOs	50	EA
13434	4" Square Extension 1-1/2" Deep	50	EA
7591	4-11/16" Square Box 2-1/8" Deep	25	EA

Steel Electrical Box Covers



ITEM NO.	DESCRIPTION	STD QTY	U M
7606	Blank 1/2" K.O. In Center (4" Sq Bx)	50	EA
7607	Flat Blank (4" Square Box)	50	EA
7608	1/2" Depth For Single Flush (4" Sq)	50	EA
7609	One Toggle Switch (4" Square Box)	50	EA
7610	One Duplex Receptacle (4" Sq Bx)	50	EA
7611	Two Toggle Switch (4" Sq Bx)	50	EA
7612	1 Switch & 1 Receptacle (4" Sq)	50	EA
7613	Two Receptacles (4" Sq Bx)	50	EA
7624	1/2" Raised GFCI Receptacle Cover	50	EA
7615	Raised 1/2" (4-11/16" Sq Bx)	25	EA
7616	Blank 1/2" K.O. (4-11/16" Sq Bx)	25	EA
7620	Duplex Receptacle (Handy Box)	100	EA
7621	Toggle Switch (Handy Box)	100	EA
7622	Blank, (Handy Box)	100	EA
7623	Blank 1/2" K.O. (Handy Box)	100	EA
7601	Flat Blank (4" Octagon Box)	100	EA
7603	Toggle Switch (4" Octagon Box)	50	EA
7604	Blank 1/2" K.O. (4" Octagon Box)	50	EA

Plastic Wall Plates



ITEM NO.	DESCRIPTION	STD QTY	U M
8631	Single Toggle, Plastic, Ivory	25	EA
16101	Single Toggle, Plastic, White	25	EA
8633	Duplex Recept., Plastic, Ivory	25	EA
16102	Duplex Recept., Plastic, White	25	EA
16104	Blank, Plastic, White	25	EA

Red Safety Switch Covers

- Red metal covers



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20365	Gas For 4" Square Box (4" x 4")	5	50	EA
20366	Gas For Utility/Handy Box (2-1/3" x 4-1/4")	5	100	EA
20367	Gas For Flush Mount (2-3/4" x 4-1/2")	5	25	EA
20368	Oil For 4" Square Box (4" x 4")	5	50	EA
20369	Oil For Utility/Handy Box (2-1/3" x 4-1/4")	5	100	EA
20370	Oil For Flush Mount (2-3/4" x 4-1/2")	5	25	EA

STANDARDS & BASES
 EQUIPMENT
 CONDENSATE
 DRAIN PLUMBING & CHEMICALS
 SEALANTS TUBES VENTING
 ELECTRONICS & CONTROLS
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Stud Guards

- Self nailing triangle points



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
18327	1-1/2" x 3", 16 Gauge, Stud Guard	100	21000	EA
18328	1-1/2" x 5", 16 Gauge, Stud Guard	100	12000	EA
18329	1-1/2" x 6", 16 Gauge, Stud Guard	100	12000	EA

Stud Guard "FHA Plates"

- 16 hole plate



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
18324	3" x 18", 16 Gauge, Stud Guard	25	3000	EA
18326	5" x 18", 16 Gauge, Stud Guard	25	1500	EA

Stud Guard "BOCA Plates"

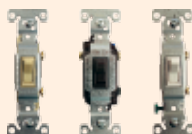
- Self nailing triangle points



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
18325	5" x 8", 16 Gauge, Stud Guard	25	2500	EA

Standard Toggle Switches

- Framed toggle
- Side or push-in wiring



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8600	15 A-1/2 HP 120 V, SP, Brown	10	100	EA
8601	15 A-1/2 HP 120 V, SP, Ivory	10	100	EA
8602	15 A-1/2 HP 120 V, 3-Way, Brown	10	100	EA
8603	15 A-1/2 HP 120 V, 3-Way, Ivory	10	100	EA
15219	15 A-1/2 HP 120 V Grounded, Brown	10	100	EA
15220	15 A-1/2 HP 120 V Grounded, Ivory	10	100	EA
16571	15 A-1/2 HP 120 V Grounded, White	10	100	EA

Premium Toggle Switches

- Premium specification grade
- Side wired



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8605	20A-1HP 120 / 277V, SP, Brown	10	100	EA
8606	20A-1HP 120 / 277V, SP, Ivory	10	100	EA
16309	20A-1HP 120 / 277V, DP, Brown	10	100	EA
16323	20A-1HP 120 / 277V, DP, Ivory	10	100	EA

Combination Device

- Ivory colored
- Single position switches
- Accept standard duplex receptacle wall plates
- AC only



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8625	Switch 10A 120V 1/2 HP w/ Receptacle	10	80	EA

Standard Duplex Receptacles

- 2-Pole, 3-Wire grounding receptacles
- Push-in or side wired



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8614	15 A, 125 V, Brown Receptacle	10	100	EA
8615	15 A, 125 V, Ivory Receptacle	10	100	EA
16573	15 A, 125 V, White Receptacle	10	100	EA

Premium Duplex Receptacles

- Premium specification grade
- Side wired
- 2-Pole, 3-Wire grounding receptacles



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8612	15 A, 125 V, Brown Receptacle	10	100	EA
8613	15 A, 125 V, Ivory Receptacle	10	100	EA
8617	20 A, 125 V, Brown Receptacle	10	100	EA
8618	20 A, 125 V, Ivory Receptacle	10	100	EA

Commercial Grade GFCI

- Meets UL943 Class A GFCI, UL498 requirements
- Indicator light provides visual reference of a trip
- Color-matched & recessed Test & Reset buttons
- Durable, impact-resistant thermoplastic construction
- Wall plate included



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20109	15A Brown GFCI	1	10	EA
20110	15A Ivory GFCI	1	10	EA
20111	20A Brown GFCI	1	10	EA
20112	20A Ivory GFCI	1	10	EA

Tamper Resistant GFCI

- Provides compliance with 2008 NEC® Article 406.11
- Durable impact-resistant thermoplastic face & back body
- "TR" designation provides visual identification
- Terminal screws are backed out and ready to wire.
- Extra-long and extra-wide mounting straps
- Wall plate included



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20113	15A Brown Tamper Resistant	1	10	EA
20114	15A Ivory Tamper Resistant	1	10	EA
20115	20A Brown Tamper Resistant	1	10	EA
20116	20A Ivory Tamper Resistant	1	10	EA

Three Wire Thermoplastic Plug

- 2 pole/3 wire
- 15A/125V
- Up to .670 cord diameter
- Meets UL 498 requirements



ITEM NO.	DESCRIPTION	STD QTY	U M
8646	15A/125V Orange Thermoplastic Plug	10	EA

Straight Blade Plugs & Connectors



ITEM NO.	DESCRIPTION	STD QTY	U M
8639	Vinyl Conn., 15A 125V, 16 ga. Max	10	EA
8640	Plastic Conn., 15A 125V, 14 ga. Max	10	EA
8641	Vinyl Plug, 15A 125V, 12-18 ga.	10	EA
8643	Vinyl Plug, 15A 250V, 12-18 ga.	10	EA
8644	Vinyl Plug, 20A 250V, 12-18 ga.	10	EA
8645	Plastic Conn., 20A 250V, 12 ga. Max	10	EA

3 To 2 Wire Adapters



ITEM NO.	DESCRIPTION	STD QTY	U M
8525	Bulk Packed	10	EA

3 Outlet Tap

- Solid one piece molded PVC construction
- Provides three grounded outlets (UL listed)



ITEM NO.	DESCRIPTION	STD QTY	U M
8599	3 Outlet Tap	1	EA

STANDARDS & BASES
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Jumper Cords

- 16/2 SPT-2 Wire
- NEMA 5-15 plug or receptacle



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18816	Female Jumper Cord (30" Length)	1	100	EA
18817	Male Jumper Cord (46" Length)	1	100	EA

Replacement Power Supply Cords

- For disposals, appliances, power tools, etc.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13974	3' 16/3 SJTWA Power Cord	10	50	EA
13975	8' 16/3 SJTWA Power Cord	5	50	EA
17629	8' 14/3 SJTWA Power Cord	5	50	EA
17719	6' 16/3 SJTWA 90° Plug Cord	5	50	EA

Outdoor Extension Cords

- Heavy duty grounded cord for outdoor use
- Cord stays flexible in cold weather
- Resists deterioration caused by oil, grease, moisture, & exposure to sunlight
- Molded-on grounded vinyl connectors



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8544	12/3 SJTWA 25' 15A / 125V (Yellow)	1	8	EA
8545	12/3 SJTWA 50' 15A / 125V (Yellow)	1	5	EA
8546	12/3 SJTWA 100' 15A / 125V (Yellow)	1	3	EA
8547	14/3 SJTWA 25' 15A / 125V (Orange)	1	8	EA
8548	14/3 SJTWA 50' 15A / 125V (Orange)	1	8	EA
8549	14/3 SJTWA 100' 13A / 125V (Orange)	1	4	EA
8550	16/3 SJTWA 25' 13A / 125V (Orange)	1	12	EA
8551	16/3 SJTWA 50' 13A / 125V (Orange)	1	10	EA
8552	16/3 SJTWA 100' 10A / 125V (Orange)	1	6	EA

Outdoor Extension Cord with Indicator Light End

- 12/3 SJTW yellow
- Indicator light end
- Water resistant & flame retardant
- Ultra flexible & abrasion resistant
- Nickel-coated brass blades resist corrosion
- cULus or equivalent



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8553	25' 12/3 SJTW w/Lighted End	1	8	EA
8554	50' 12/3 SJTW w/Lighted End	1	5	EA
8555	100' 12/3 SJTW w/Lighted End	1	3	EA

Outdoor Power Blocks

- Molded-on grounded vinyl male plug
- Bright vinyl cord stays flexible in cold weather
- Resists deterioration by oil, grease, moisture & abrasion
- Provides three grounded female outlets



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8536	12/3 SJTWA 2' 15A / 125V	1	8	EA
8541	14/3 SJTWA 50' 15A / 125V	1	12	EA

Trouble Lights

- Push thru switch & grounded outlet
- Grounded metal guard with high impact polypropylene handle
- Highly visibility vinyl cord
- Maximum bulb size: 60 watt



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8531	16/3 SGT 25' 13A / 125V	1	6	EA
8532	16/3 SGT 50' 13A / 125V	1	6	EA

Rough Service Light Bulbs

- Multi-support filament
- Lasts twice as long as a standard bulb
- Soft white to reduce glare



ITEM NO.	DESCRIPTION	STD QTY	U M
8500	60 Watt Soft White	120	EA
8501	75 Watt Soft White	100	EA
8502	100 Watt Soft White	100	EA

Screw-On Wire Connectors

- Color coded for easy size selection
- Makes quick, secure connection for positive continuity
- Thermoplastic shell shields against environmental extremes
- Resists chemical action from hydrocarbons, dilute acid or alkaline solutions
- Flame retardant properties
- Resists heat distortion up to 221°F (105° C)
- Comply with Federal Specification W-5-610d
- UL 486C listed & CSA certified



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8650	Gray 22-14 AWG 300V Max 100/Bx	10	120	BX
8651	Blue 22-14 AWG 300V Max 100/Bx	10	120	BX
8652	Orange 22-14 AWG 600V 100/Bx	10	80	BX
8653	Yellow 22-10 AWG 600V Max 100/Bx	10	80	BX
8654	Red 22-10 AWG 600V Max 100/Bx	10	40	BX

Winged Wire Connectors

- 600V maximum
- Flame retardant, abrasion resistant, non-porous & non-corrosive
- Dielectric shell is molded of durable thermoplastic
- UL Listed



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
8656	Winged Yellow 18-10 AWG 100/Bx	10	80	BX
8657	Winged Red 18-8 AWG 100/Bx	10	40	BX
8658	Winged Blue 14-6 AWG 50/Bx	10	40	BX

Packaged Wire Connectors

- Point of purchase packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
13787	Gray Wire Connectors 22/Pk	1	PK
13788	Blue Wire Connectors 19/Pk	1	PK
13789	Orange Wire Connectors 16/Pk	1	PK
13790	Yellow Wire Connectors 14/Pk	1	PK
13791	Red Wire Connectors 9/Pk	1	PK
13793	Yellow Winged Wire Conn 12/Pk	1	PK
13794	Red Winged Wire Conn 9/Pk	1	PK

Porcelain Wire Connectors



ITEM NO.	DESCRIPTION	STD QTY	U M
9017	Small Wire Connectors 15/Pk	5	PK
9018	Medium Wire Connectors 10/Pk	5	PK
9019	Large Wire Connectors 10/Pk	5	PK
14109	Small Wire Connectors 100/Pk	1	PK
14110	Medium Wire Connectors 100/Pk	1	PK
14111	Large Wire Connectors 100/Pk	1	PK

Heat Shrink Tubing

- General purpose, flexible polyolefin
- Point of purchase packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
13721	1/8" Dia. & 4" Length (10/Pk)	1	PK
13722	3/16" Dia. & 4" Length (8/Pk)	1	PK
13723	1/4" Dia. & 4" Length (7/Pk)	1	PK
13724	3/8" Dia. & 4" Length (6/Pk)	1	PK
13725	1/2" Dia. & 4" Length (5/Pk)	1	PK
13726	3/4" Dia. & 4" Length (4/Pk)	1	PK
13727	1" Dia. & 4" Length (3/Pk)	1	PK

Terminal Kits

- Includes terminals most used by contractors & electricians
- Kit contains: Butt Splice; Female Disconnect; Spade; Ring; Piggyback Disconnects; High Temp. Flag; Compressor Term.; High Temp. Female Disconnect



ITEM NO.	DESCRIPTION	STD	CTN	U
		QTY	QTY	A
16303	Terminal Kit (10 Of Each Terminal)	1	20	KT
16304	Terminal Kit (25 Of Each Terminal)	1	20	KT

Vinyl Insulated Ring

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13440	22-18 Wire, 6 Stud (100/Pk)	1	100	PK
13442	22-18 Wire, 8 Stud (100/Pk)	1	100	PK
13444	22-18 Wire, 10 Stud (100/Pk)	1	100	PK
13446	22-18 Wire, 1/4 Stud (100/Pk)	1	100	PK
13448	16-14 Wire, 6 Stud (100/Pk)	1	100	PK
13450	16-14 Wire, 8 Stud (100/Pk)	1	100	PK
13452	16-14 Wire, 10 Stud (100/Pk)	1	100	PK
13454	16-14 Wire, 1/4 Stud (100/Pk)	1	100	PK
13455	16-14 Wire, 5/16 Stud (100/Pk)	1	100	PK
13458	12-10 Wire, 8 Stud (100/Pk)	1	100	PK
13460	12-10 Wire, 10 Stud (100/Pk)	1	100	PK
13462	12-10 Wire, 1/4 Stud (100/Pk)	1	100	PK
13466	12-10 Wire, 1/2 Stud (100/Pk)	1	100	PK

High Temperature Ring (900° F)

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13573	22-18 Wire, 6 Stud (100/Pk)	1	100	PK
13575	22-18 Wire, 8 Stud (100/Pk)	1	100	PK
13577	22-18 Wire, 10 Stud (100/Pk)	1	100	PK
13579	22-18 Wire, 1/4 Stud (100/Pk)	1	100	PK
13581	16-14 Wire, 6 Stud (100/Pk)	1	100	PK
13583	16-14 Wire, 8 Stud (100/Pk)	1	100	PK
13585	16-14 Wire, 10 Stud (100/Pk)	1	100	PK
13589	12-10 Wire, 6 Stud (100/Pk)	1	100	PK
13591	12-10 Wire, 8 Stud (100/Pk)	1	100	PK
13593	12-10 Wire, 10 Stud (100/Pk)	1	100	PK

Vinyl Insulated Spade

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13468	22-18 Wire, 6 Stud (100/Pk)	1	100	PK
13470	22-18 Wire, 8 Stud (100/Pk)	1	100	PK
13472	22-18 Wire, 10 Stud (100/Pk)	1	100	PK
13474	16-14 Wire, 6 Stud (100/Pk)	1	100	PK
13476	16-14 Wire, 8 Stud (100/Pk)	1	100	PK
13478	16-14 Wire, 10 Stud (100/Pk)	1	100	PK
13481	12-10 Wire, 8 Stud (100/Pk)	1	100	PK
13483	12-10 Wire, 10 Stud (100/Pk)	1	100	PK

High Temperature Spade (900° F)

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13601	22-18 Wire, 10 Stud (100/Pk)	1	100	PK
13603	16-14 Wire, 10 Stud (100/Pk)	1	100	PK
13605	12-10 Wire, 10 Stud (100/Pk)	1	100	PK

High Temperature Female Disconnect (900° F)

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13614	16-14 Wire, .250 Tab (100/Pk)	1	100	PK
13616	12-10 Wire, .250 Tab (100/Pk)	1	100	PK

Fully Insulated Disconnect

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13641	22-18 Wire, .250 Tab Female (100/Pk)	1	100	PK
13643	16-14 Wire, .250 Tab Female (100/Pk)	1	100	PK
13646	22-18 Wire, .250 Tab Male (100/Pk)	1	100	PK
13648	16-14 Wire, .250 Tab Male (100/Pk)	1	100	PK

Vinyl Insulated Female Disconnect

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13492	22-18 Wire, .187 Tab (100/Pk)	1	100	PK
13494	22-18 Wire, .250 Tab (100/Pk)	1	100	PK
13496	16-14 Wire, .187 Tab (100/Pk)	1	100	PK
13498	16-14 Wire, .250 Tab (100/Pk)	1	100	PK
13500	12-10 Wire, .250 Tab (100/Pk)	1	100	PK

Non-Insulated Flag Disconnect

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13567	16-14 Wire, .250 Tab (100/Pk)	1	100	PK
13569	12-10 Wire, .250 Tab (100/Pk)	1	100	PK

High Temperature Flag Disconnect (900° F)

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13620	16-14 Wire, .250 Tab (100/Pk)	1	100	PK
13622	12-10 Wire, .250 Tab (100/Pk)	1	100	PK

Piggyback Disconnect

- 1 male x 1 female
- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13953	16-14, .250 Tab, Vinyl Insul (100/Pk)	1	100	PK

Disconnects

- 2 male x 1 female
- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13624	Flat Disconnect .250 Tab (100/Pk)	1	100	PK
13627	Slant Disconnect .250 Tab (100/Pk)	1	100	PK

Vinyl Insulated Male Tab

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13502	16-14 Wire, .187 Tab (100/Pk)	1	100	PK
13505	16-14 Wire, .250 Tab (100/Pk)	1	100	PK
13507	12-10 Wire, .250 Tab (100/Pk)	1	100	PK

Nylon Insulated Closed End Connector

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13651	22-14 Wire (100/Pk)	1	100	PK
13653	16-10 Wire (100/Pk)	1	100	PK

Vinyl Insulated Butt Splice

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13485	22-18 Wire (100/Pk)	1	100	PK
13487	16-14 Wire (100/Pk)	1	100	PK
13489	12-10 Wire (100/Pk)	1	100	PK

Non-Insulated Compressor Connector

- Point of purchase packaging
- Resealable bags



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
13636	12-8 Wire, .250 Tab (50/Pk)	1	100	PK

Compressor Leads

- 10 gauge wire & .250 compressor connector
- 16243 & 16244 have a high temp. butt splice & heat shrink tubing
- 16296 has a high temp. ring terminal (no heat shrink tubing)



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16243	12" Lead With Butt Connector (3/Pk)	1	1000	PK
16244	18" Lead With Butt Connector (3/Pk)	1	600	PK
16296	24" Lead With Ring Terminal (3/Pk)	1	215	PK

Gas Line Test Gauges

Test gas line pressure

Easy to read gauges

0 - 15 PSI in 1/10 lb dial increments

0 - 30 PSI in 1/4 lb increments

0 - 60 PSI in 1 lb dial increments

0 - 100 PSI in 1 lb increments

Hex or Bell body



See Page 26 For More Information

Midwest® Sheet Metal Snips

- KUSH'N POWER® grip for improved grip & comfort



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16208	[MWT-6716S] Straight Aviation (Yellow)	1	6	EA
18757	[MWT-6716A] Long Aviation (Blue)	1	6	EA
16209	[MWT-6716L] Left Aviation (Red)	1	6	EA
16223	[MWT-6716R] Right Aviation (Green)	1	6	EA
16224	[MWT-6716B] Bulldog/Notching (Blue)	1	6	EA
18844	[MWT-6510S] Straight Offset (Yellow)	1	6	EA
16225	[MWT-6510L] Left Offset (Red)	1	6	EA
16226	[MWT-6510R] Right Offset (Green)	1	6	EA

Midwest® Upright Aviation Snips

- Kush'n-power grips for improved grip & comfort
- Ideal for tight spaces, overhead positions, etc.
- Cut capacity 24 ga. cold-rolled sheet metal & 28 ga. stainless steel sheet metal
- Cutting length/capacity 1-1/4"



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16210	[MWT-6900L] Left Upright Snip (Red)	1	6	EA
16211	[MWT-6900R] Right Upright Snip (Green)	1	6	EA

Midwest® Forged Blade Power Cutter Snips

- Extra wide Blade opening, 2-3/8" cut length
- Cuts Straight
- Cuts 20 gauge cold rolled steel
- Offset blades for best maneuverability



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16212	[MWT-6516] Straight Offset Snip (Blue)	1	6	EA

Midwest® Replaceable Blade Snip

- Cuts straight and tight left curves
- Easiest used in right hand
- 2-3/4"(70mm) length of cut
- Replaceable blades.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18918	[MWT-2210] Replaceable Blade Snip	1	6	EA
18919	[MWT-2210R] Replaceable Blade Kit	1	6	EA

Aviation Snips

- Drop forged chrome molybdenum alloy steel blades with serrated edges
- Black oxide blade finish
- Induction heat hardened HRC 60-62



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18511	Left Cut Aviation Snip (Red)	1	6	EA
18512	Right Cut Aviation Snip (Green)	1	6	EA
18513	Straight Cut Aviation Snip (Yellow)	1	6	EA

Offset Snips

- Drop forged chrome molybdenum alloy steel blades with serrated edges
- Black oxide blade finish
- Induction heat hardened HRC 60-62



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17230	Left Cut Offset Snip (Red)	1	6	EA
17231	Right Cut Offset Snip (Green)	1	6	EA

Straight Pattern Snips

- Drop forged high carbon steel
- Sand blasted blade finish
- Induction heat hardened HRC 58-61
- Black matted vinyl dipped handles



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19525	7" Straight Pattern Snip	1	10	EA
19526	10" Straight Pattern Snip	1	6	EA
19527	12" Straight Pattern Snip	1	6	EA

Midwest® Snap Lock Punch

- Join sheet metal, duct, & pipe sections
- Compound leverage for ease of operation
- Blue grips
- Punches a wedge shaped section into metal edges for locking pieces to be joined



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19668	[MWT-L1] Snap Lock Punch	1	6	EA

Midwest® Sheet Metal Tools



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14041	[MWT-C5] 5 Blade Crimper	1	18	EA
14043	[MWT-ST1] 3" Hand Seamer	1	12	EA
14040	[MWT-S1] Premium 3" Hand Seamer	1	12	EA
18797	[MWT-S6] 6" Hand Seamer	1	10	EA
14044	[MWT-ST2] 3" Offset Hand Seamer	1	12	EA
14042	[MWT-S2] Premium 3" Offset Seamer	1	12	EA
14045	[MWT-N1] Hand Notcher	1	18	EA

Midwest® Sheet Metal 3" & 6" Straight Seamer Set

- 3" & 6" blades included
- Kush'n-power grips
- Made in the USA



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
14046	[MWT-S36] 3" & 6" Straight Seamer Set	1	8	EA

Sheet Metal Hole Cutter

- Cuts up to 12" diameter
- Cuts light gauge metal, plastics, aluminum, etc.
- Replaceable cutting bit



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20610	Sheet Metal Hole Cutter	1	6	EA
20611	Replacement Bit (5/Pack)	1	200	PK

Midwest® Folding Tools

- 3-1/4" width provides high leverage
- 3/8" & 1" folding seams
- Sight holes for alignment



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19666	[MWT-F1] 12" Folding Tool	1	6	EA
19667	[MWT-F2] 18" Folding Tool	1	4	EA

Midwest® Offset Duct Stretcher

- Use as a lever to pull duct runs together for cleating
- Made of aluminum
- Offset handle with textured grip



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19665	[MW-D1] Offset Duct Stretcher	1	6	EA

Vise-Grip® Sheet Metal Tool

- Easier bends, forms, & crimps of sheet metal
- Turn screw to adjust pressure & fit work
- Stays adjusted for repetitive use
- Constructed of high-grade heat-treated alloy steel
- Classic trigger release designed to provide maximum locking force



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
9010	[8R] 8" Sheet Metal tool	1	20	EA

Vise-Grip® Locking Pliers Curved Jaws with Wire Cutter

- Curved jaw with built-in wire cutter
- Constructed of high-grade heat-treated alloy steel
- Hardened teeth are designed to grip from any angle
- Classic trigger release provides maximum locking force



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
9000	[4WR] 4"; 15/16" Adjustment	1	20	EA
9001	[7WR] 7"; 1-5/8" Adjustment	1	20	EA
9002	[10WR] 10"; 1-7/8" Adjustment	1	20	EA

Vise-Grip® Locking "C" Clamps

- Wide-opening jaws provide great versatility
- Turn screw to adjust pressure and fit work.
- Stays adjusted for repetitive use
- Constructed of high-grade heat-treated alloy steel
- Classic trigger release designed to provide maximum locking force



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
9006	[6R] 6" C Clamp	1	20	EA
9007	[11R] 11" C Clamp	1	20	EA

All-Purpose Electrician's Tool

- Crimps insulated sizes 22-10 terminals
- Six wire strippers for stripping 22-10 ga. wire
- Wire cutter & a bolt cutter for five popular sizes
- Crimps insulated terminals sizes 22-10



ITEM NO.	DESCRIPTION	STD QTY	U M
8315	All-Purpose Tool (Carded)	4	EA

Wire Stripper-Cutter

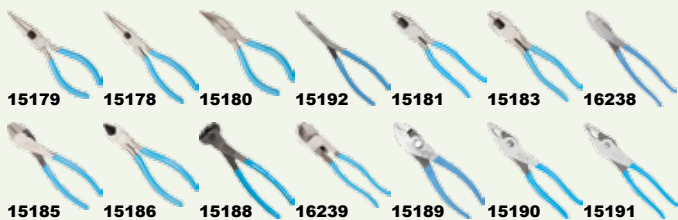
- Features "Plier" nose for pulling & looping wire
- Power spring to speed work
- Strips & cuts 10-22 ga. wire
- Vinyl cushion handles



ITEM NO.	DESCRIPTION	STD QTY	U M
8307	Wire Stripper-Cutter (Carded)	6	EA

Channellock® Pliers

- Heat treated cutters & high polished finish
- CHANNELLOCK BLUE comfort grips



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15179	[326] 6" Long Nose With Cutters	1	20	EA
15178	[317] 7-1/2" Long Nose With Cutters	1	20	EA
15180	[E888] 7-1/2" Curved Long Nose	1	20	EA
15192	[738] 8" Long Reach Needle Nose	1	20	EA
15181	[348] 8-1/2" Rounded Nose Lineman	1	20	EA
15183	[3048] 8-1/2" Bevel Nose Lineman	1	20	EA
16238	[909] 9-1/2" Crimping & Cutting	1	20	EA
15185	[337] 7" Lap Joint Cutting	1	20	EA
15186	[436] 6" Box Joint Cutting	1	20	EA
15188	[357] 7" End Cutting	1	20	EA
16239	[911] 9-1/2" Cable Cutting	1	20	EA
15189	[526] 6" Slip Joint	1	20	EA
15190	[548] 8" Slip Joint	1	20	EA
15191	[5410] 10" Slip Joint	1	20	EA

Channellock® Nutbuster™ Tongue & Groove Pliers

- Right angle teeth grip in all directions
- Reinforcing edge that minimizes stress breakage
- SAFE-T-STOP prevents finger pinch
- Double Tongue and Groove, won't slip
- PermaLock Fastener, eliminates nut and bolt failure
- Blue comfort grips



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16656	[414] 13.5" Plier; 2" Capacity	1	20	EA

Channellock® Tongue & Groove Pliers

- Right angle teeth grip in all directions
- Undercut Tongue and Groove, won't slip
- PermaLock Fastener, eliminates nut & bolt failure
- Reinforcing edge that minimizes stress breakage
- Blue comfort grips



Straight Jaw



Curved Jaw

ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15169	[420] 9-1/2" Straight; 1-1/2" Capacity	1	20	EA
15170	[422] 9-1/2" Curved; 1-1/2" Capacity	1	20	EA
15171	[424] 4-1/2" Straight; 1/2" Capacity	1	20	EA
15172	[426] 6-1/2" Straight; 7/8" Capacity	1	20	EA
15173	[430] 10" Straight; 2" Capacity	1	20	EA
15174	[440] 12" Straight; 2-1/4" Capacity	1	20	EA
15176	[442] 12" Curved; 1-1/2" Capacity	1	20	EA
15177	[460] 16" Straight; 4-1/4" Capacity	1	20	EA

Channellock® Griplock® Tongue & Groove Pliers

- Special jaw design accommodates many shapes
- Ergonomically designed head for greater leverage
- PermaLock Fastener, eliminates nut and bolt failure
- CHANNELLOCK BLUE comfort grips



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16655	[GL10] 9-1/2" Plier; 1-1/4" Capacity	1	20	EA

Channellock® Adjustable Wrenches

- Parallel jaw surfaces grip safely & reduces damage possibility
- Non-protruding jaw with thinner jaw profile permits easier use in more confined spaces
- Ergonomic handle is wider for more comfortable grip
- Measurement scales (inches & mm) are handy for sizing nuts, pipe and tube diameters
- Chrome vanadium steel construction with (2NI-1CR) coating



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15201	[804] 4" Long, 0 to 9/16" Adj Range	1	20	EA
15202	[806] 6" Long, 0 to 13/16" Adj Range	1	20	EA
15203	[808] 8" Long, 0 to 15/16" Adj Range	1	20	EA
15204	[810] 10" Long, 0 to 1-3/16" Adj Range	1	20	EA
15205	[812] 12" Long, 0 to 1-3/8" Adj Range	1	20	EA
15206	[815] 15" Long, 0 to 1-3/4" Adj Range	1	20	EA

Mechanical Screw Starters

- Insert the screw on the prongs of the screw starter, twist & the screw is firmly held
- Tool releases and resets automatically
- Feature a strong 1" magnet & pocket clip



ITEM NO.	DESCRIPTION	STD QTY	U M
13081	Slotted Screw, 5-3/4" L (Aluminum)	6	EA
13082	Phillips, Torx, 5-3/4" L (Aluminum)	6	EA

Screwdrivers

- Chrome vanadium steel
- Injection molded, butyrate handles



ITEM NO.	DESCRIPTION	STD QTY	U M
15193	#1 Phillips 5/32" Dia. 4" BI (7-1/4")	5	EA
15194	#2 Phillips 7/32" Dia. 4" BI (8")	5	EA
15195	#3 Phillips 5/16" Dia. 6" BI (10")	5	EA
15197	5/32" Dia. 4" Blade (7-1/4" Overall)	5	EA
15198	7/32" Dia. 4" Blade (8" Overall)	5	EA

6-In-1 Screwdriver

- 2 phillips & 2 flat blades; 1/4" & 5/16" nutdrivers
- Counter display carton
- Both bits & shank are held with ball retention



ITEM NO.	DESCRIPTION	STD QTY	U M
16569	6-In-1 Screwdriver	12	EA

Nutdrivers

- Color coded, highest quality cellulose acetate handles
- Heat treated, chrome plated full hollow shafts



ITEM NO.	DESCRIPTION	STD QTY	U M
15157	3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"	1	ST
15158	3/16" Nutdriver	5	EA
15159	1/4" Nutdriver	5	EA
15160	5/16" Nutdriver	5	EA
15163	3/8" Nutdriver	5	EA
15164	7/16" Nutdriver	5	EA
15165	1/2" Nutdriver	5	EA

Magnetic Nutsetter

- Powerful magnet
- Magnetic fastener retention for a positive hold
- Point-of-purchase display packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
18102	1/4" Magnetic Nutsetter 1-5/8" (1/Pk)	10	PK
18103	5/16" Magnetic Nutsetter 1-5/8" (1/Pk)	10	PK
18104	3/8" Magnetic Nutsetter 1-5/8" (1/Pk)	10	PK
18105	1/4" Magnetic Nutsetter 2-9/16" (1/Pk)	5	PK
18106	5/16" Magnetic Nutsetter 2-9/16" (1/Pk)	5	PK
18107	3/8" Magnetic Nutsetter 2-9/16" (1/Pk)	5	PK
18108	7/16" Magnetic Nutsetter 2-9/16" (1/Pk)	5	PK

Midwest® Pookie Buster Hex Nut Driver Set

- Set includes one: 1/4" & 5/16" bit
- Removes hex head screws covered in pookie
- Broach cut magnetic impact nut driver
- One step & done



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18798	[MWT-PBSET01] Pookie Buster Set	1	25	ST

Service Valve Tool

- 3/16" hex fits liquid line
- 5/16" hex fits suction line
- 1/4" square drive fits refrigeration ratchet



ITEM NO.	DESCRIPTION	STD QTY	U M
18846	Service Valve Tool (1/Pk)	5	PK

Felo Impact Bits

- Torsion-zone triggered at increasing torque impulses & absorb torque peaks
- Made in Germany



ITEM NO.	DESCRIPTION	STD QTY	U M
16189	PH1 X 2" Impact Bits (2/Pk)	1	PK
16190	PH2 X 2" Impact Bits (2/Pk)	1	PK
16193	T15 X 2" Impact Bits (2/Pk)	1	PK
16194	T20 X 2" Impact Bits (2/Pk)	1	PK
16195	T25 X 2" Impact Bits (2/Pk)	1	PK
16198	SQ1 X 2" Impact Bits (2/Pk)	1	PK
16199	SQ2 X 2" Impact Bits (2/Pk)	1	PK

Screwdriver Bits

- Point-of-purchase display packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
14021	#2 Size Phillips Bit (2/Pk)	5	PK
14024	#2 Size Phillips Bit (5/Pk)	5	PK

Vaughan Tinner's Riveting Hammer

- Polished, octagon head with flat striking face
HAS rounded cross pein
- Hollow core fiberglass handle absorbs shock
- Slip-resistant grip



ITEM NO.	DESCRIPTION	STD QTY	U M
14925	12 oz. Tinner's Riveting Hammer	1	EA
16924	[TR16F] 16 oz. Tinner's Riveting Hammer	1	EA

Rubber Mallet

- Solid rubber head
- Wood handle



ITEM NO.	DESCRIPTION	STD QTY	U M
20310	Solid Rubber Mallet	1	4 EA

9" Magnetic Level

- Plastic body



ITEM NO.	DESCRIPTION	STD QTY	U M
8873	9" Magnetic Level	12	EA

Magnetic Tip Tape Measure

- Rubberized ABS Case
- Nylon Coated Blade
- Two Color Blade
- Magnetic Dual End Hook
- Double Sided Blade



ITEM NO.	DESCRIPTION	STD QTY	U M
8518	Magnetic Tip Tape Measure	4	EA

Bondhus® Metal Hex Fold-Ups

- Fold-Ups provide the same basic functionality as hex keys, but eliminate the inconvenience of loose keys



ITEM NO.	DESCRIPTION	STD QTY	U M
16202	[14589] 9 PC 5/16" - 1-1/4" Hex Keys	1	EA
16203	[14590] 8 PC .050" - 5/32" Hex Keys	1	EA
16204	[14585] 5 PC 3/16" - 3/8" Hex Keys	1	EA
16205	[14592] 7 PC 1.5MM - 6MM Hex Keys	1	EA

Bondhus® Balldriver® Hex Key Sets

- Chamfered tips for fast insertion
- Twist-to-lock case keeps keys organized
- Cases are marked & color coded
- Case can be used to increase leverage



ITEM NO.	DESCRIPTION	STD QTY	U M
16132	[10937] 13 PC .050" - 3/8" Key Set	1	EA
16133	[10999] 9 PC 1.5MM - 10-MM Key Set	1	EA
16134	[20199] 22 PC Inch/Metric Key Set	1	EA

Bondhus® Hex Key Sets

- Chamfered tips for fast insertion
- Twist-to-lock case keeps keys organized
- Cases are marked & color coded
- Case can be used to increase leverage



ITEM NO.	DESCRIPTION	STD QTY	U M
18330	[12137] 13 PC .050" - 3/8" Key Set	1	EA
18331	[12199] 9 PC 1.5MM - 10-MM Key Set	1	EA
18332	[22199] 22 PC Inch/Metric Key Set	1	EA

Bondhus® Balldriver® Hex T Set

- Heavy-duty handle
- Cushioned feel reduces fatigue
- Handle & blade are securely welded
- Handle is shaped for comfort & control



ITEM NO.	DESCRIPTION	STD QTY	U M
15150	[13190] 10 PC 3/32" - 3/8" Hex T Set	1	EA

Bondhus® GorillaGrip® Hex Fold-Ups

- Fold-Ups provide the same basic functionality as hex keys, but eliminate the inconvenience of loose keys
- Handle is 40% stronger than steel handles
- Comfortable to hold
- Does not conduct heat or cold



ITEM NO.	DESCRIPTION	STD QTY	U M
17389	[12589] 9 PC 5/16" - 1-1/4" Hex Keys	1	EA
17390	[12590] 8 PC .050" - 5/32" Hex Keys	1	EA
17391	[12585] 5 PC 3/16" - 3/8" Hex Keys	1	EA
17392	[12592] 7 PC 1.5MM - 6MM Hex Keys	1	EA

Bondhus® GorillaGrip® Star Fold-Ups

- Handle is 40% stronger than steel handles
- Comfortable to hold
- Does not conduct heat or cold



ITEM NO.	DESCRIPTION	STD QTY	U M
15125	[12634] 8 PC T9 - T40 Star Fold-Up	1	EA

Bondhus® Hex Pro™ Pivot Head Hex & Star Wrenches

- Fits Inch & Metric Hex, Star, and TORX® brand screws
- Heat treated high quality industrial tool steel
- Long handles for extra reach
- Matte chrome finish to prevent corrosion
- Heavy duty folding canvas pouch/holder (included)



ITEM NO.	DESCRIPTION	STD QTY	U M
16083	Inch Set: 3/16, 7/32, 1/4, 5/16, 3/8	1	EA
16084	Metric Set: 3, 4, 5, 6, 8, 10 mm	1	EA
16085	Torx Set: T25, T27, T30, T40, T45, T50	1	EA

Ductboard Knife

- Easily pierces for inside cuts
- 1 serrated & 1 strait edge
- Displayed packed



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20048	Ductboard Knife With Sheath	12	96	EA

GOTOol Unlimited Duct Board Knife

- Dual sided blade: serrated/straight
- Ergonomically shaped rubber handle w/ glow in the dark logo
- Built in ruler with 1 & 1/2 inch markings
- 2 glow in the dark magnetic squeegees attach to sheath



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20305	[DKS15] Duct Board Knife	1	60	EA

Midwest® Flex Duct Combo Tool

- Two tools in one
- 5" (12.7 cm) stainless steel blade
- Double edge blade: standard & serrated
- Ripstop nylon sheath



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19669	[MWT-FDT01] Flex Duct Combo Tool	1	2	EA

Retractable Utility Knife

- Rugged sturdy handle
- Safety lip
- Point of Purchase Packaging
- Works great for Super-Duty Pads (item number 19709)



ITEM NO.	DESCRIPTION	STD QTY	U M
14000	Utility Knife with Blade	10	EA

Utility Knife Blades

- Point of Purchase Packaging
- Blade thickness: .025



ITEM NO.	DESCRIPTION	STD QTY	U M
14002	Utility Knife Blades (5/Cd)	10	CD
14003	Blade Dispenser With 100 Blades	1	PK

Single Edge Blades

- Point of Purchase Packaging
- Blade thickness: .009



ITEM NO.	DESCRIPTION	STD QTY	U M
18539	Single Edge Blades (100/Bx)	5	BX

Super Sharp'ner™

- Gives razor sharp edge in just minutes
- Sharpens almost anything & lasts years
- Can be used to debur ends of sheet metal
- Quickly sharpens knives, utility knives, Li'l Nippers, etc.



ITEM NO.	DESCRIPTION	STD QTY	U M
0128	Super Sharp'ner	10	EA

Li'l Nipper™

- Cuts all sizes up to 1-1/4" Polyethylene, PVC, ABS, & rubber hose
- Strong nylon handle with replaceable blades
- Rotation required for straight pipe cutting



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
0125	Li'l Nipper	10	60	EA
0127	2 Replacement Blades	1		PK

Big Nipper™

- Cuts: Hose & Tubing up to 2-1/2" ID, & Polyethylene & PVC up to 1-1/2" ID
- Excellent for cutting tubing insulation



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16368	Big Nipper	5	120	EA

Ratchet Plastic Pipe Cutter

- All metal construction
- Cuts up to 1" schedule 40 pipe (1-5/8" OD)
- Display packaging
- Rotation required for straight pipe cutting



ITEM NO.	DESCRIPTION	STD QTY	U M
19718	Ratchet Plastic Pipe Cutter	12	EA

Deburring Tool For Copper & Plastic

- Fast, easy way to debur & smooth inside of copper or plastic tubing 1/4" & larger
- Free rotating hardened steel blades
- Blade shape insures clean, accurate cut



ITEM NO.	DESCRIPTION	STD QTY	U M
0180	Deburring Tool	12	EA

Plastic Pipe Saw

- For PVC, ABS, & other types of plastic pipes
- The 10-1/4" blade cuts through 6 inch pipe with ease
- Straight handle makes it easy to produce flush cuts in tight spaces
- Fine 17 tpi blade makes an ultra clean finish cut



ITEM NO.	DESCRIPTION	STD QTY	U M
18478	Plastic Pipe Saw	1	EA

12" Carpentry Saw

- 14 TPI blade cuts hard & soft woods, drywall, & plastic pipe quickly & smoothly
- Teeth are triple diamond ground & electrically impulse hardened for long lasting sharpness & fast, effort less, exceptionally clean cuts
- Pistol grip handle with soft elastomer
- Saw features a simple twist lock blade for compact toolbox storage



ITEM NO.	DESCRIPTION	STD QTY	U M
18479	12" Carpentry Saw	1	EA

Keyhole Saw

- Knife edged point for scoring sheet rock
- Sharp 2-cutting edge teeth, designed to cut both ways
- Super sharp punching point & extra stiff blade punching power
- High quality carbon steel for long lasting sharpness
- Contoured handle for a strong grip & textured to prevent slippage



ITEM NO.	DESCRIPTION	STD QTY	U M
18476	Keyhole Saw	1	EA
18477	Heavy Duty Leather Sheath	1	EA

All Season Garden Hoses

- Tough, abrasion resistant outer jacket
- Solid brass couplings
- Flexible
- Gray in color



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15211	5/8" x 25' All Season Hose	1	8	EA
15212	5/8" x 50' All Season Hose	1	5	EA
15213	5/8" x 100' All Season Hose	1	2	EA

Pistol Grip Spray Nozzle



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16299	Pistol Grip Spray Nozzle	1	12	EA

All Purpose Sprayer

- Has a measured ounce guide
- Use for a spray mist or a full jet stream
- Use for water treatment chemicals, insecticides, gardens, laundry, hair, etc.



ITEM NO.	DESCRIPTION	STD QTY	U M
0140	Pint Sprayer	12	EA
0141	Quart Sprayer	12	EA

Self Lighting Torch

- Uses Propane or Mapp® Gas
- Swirl flame
- Variable flame control
- High temperature for faster soldering
- Tip swivels 360 degrees



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20825	Self Lighting Torch	1	20	EA

Cross Reference Numbers
RP3T6 TS7000 21176-LT91

Swivel Head Torch

- Uses Propane or Mapp® Gas
- Swirl flame
- Variable flame control
- High temperature for faster soldering
- Tip swivels 360 degrees



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20826	Swivel Head Torch	1	20	EA

Cross Reference Numbers
HT44 TS99T 21170-LS10

Abrasive Cloth

- For cleaning & preparing solder joint fittings
- 120 grit aluminum oxide abrasive
- Moisture & water resistant



ITEM NO.	DESCRIPTION	STD QTY	U M
19096	1-1/2" x 5 yd Roll Abrasive Cloth	24	RL
8971	1-1/2" x 10 yd Roll Abrasive Cloth	24	RL
8972	1-1/2" x 25 yd Roll Abrasive Cloth	12	RL

Open Mesh Abrasive Roll

- Fully waterproof
- Cleans easily when clogged
- 180 grit



ITEM NO.	DESCRIPTION	STD QTY	U M
13194	1-1/2" x 5 yd Roll	24	RL

General Purpose Abrasive Pads

- Cleans copper & fittings
- Rinses clean with water
- Bagged (10 Pads / Bag)



ITEM NO.	DESCRIPTION	STD QTY	U M
13195	4" x 6" x 1/4" Pad (10/BG)	20	BG

Condenser Fin Whisk Brush

- For cleaning condenser fins & evaporators
- Has hundreds of uses
- Plastic handle



ITEM NO.	DESCRIPTION	STD QTY	U M
9216	Condenser Fin Whisk Brush	10	EA

Parts Cleaning Brush

- Heavy-duty blackened crimped polypropylene bristles



ITEM NO.	DESCRIPTION	STD QTY	U M
9214	Parts Cleaning Brush	6	EA

Chip Brushes

- Excellent for applying adhesives & paint



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
9224	1/2" Wide Brush	36	864	EA
9225	1" Wide Brush	36	864	EA
9226	1-1/2" Wide Brush	36	864	EA
9227	2" Wide Brush	24	432	EA
9228	2-1/2" Wide Brush	12	432	EA
9229	3" Wide Brush	12	432	EA

Acid Brushes



ITEM NO.	DESCRIPTION	STD QTY	U M
9100	3/8" Tin Handle Bulk Package	144	EA
13887	1/2" Tin Handle Bulk Package	144	EA

Stove & Appliance Brush

- Stainless steel bristle brush
- Used for general purpose cleaning



ITEM NO.	DESCRIPTION	STD QTY	U M
9222	Stove & Appliance Brush	6	EA

Shoe Handle Wire Brush



ITEM NO.	DESCRIPTION	STD QTY	U M
9218	Shoe Handle Wire Brush	6	EA

STANDARDS & BASES
EQUIPMENT
DRAIN PLUMBING & CHEMICALS
CONDENSATE
SEALANTS LUBES
VENTING
ELECTRONICS & ELECTRICAL
TOOLS
MISCELLANEOUS
INDEX

Duct Cleaning Brush

- Black fibre bristles twisted in wire
- 2-1/8" diameter x 7" brush x 48" length



ITEM NO.	DESCRIPTION	STD QTY	U M
9235	Duct Cleaning Brush	12	EA

Radiator Cleaning Brush

- Synthetic horse hair twisted in wire
- 2-1/8" diameter x 7" brush x 27" length
- Sturdy wood handle



ITEM NO.	DESCRIPTION	STD QTY	U M
9234	Radiator Cleaning Brush	12	EA

Furnace Brush

- Extra heavy fill
- 6" long brush part with twisted wire handle & large loop end



ITEM NO.	DESCRIPTION	STD QTY	U M
17786	42" Long 3" Dia Furnace Brush	12	EA

Refrigerator Coil Brush

- 27" in length & 11-3/4" brush length
- Perfect for cleaning around refrigerator & condenser coils
- Bristles are 3/4" on the end tapering to 1-1/2" toward the handle
- Use for narrow & hard to reach places



ITEM NO.	DESCRIPTION	STD QTY	U M
9232	Refrigerator Coil Brush	12	EA

Copper Tube Fitting Brush

- Stainless steel wire
- Hand-fitting poly grip



ITEM NO.	DESCRIPTION	STD QTY	U M
9110	1/4" OD / 1/8" ID Brush	12	EA
9111	3/8" OD / 1/4" ID Brush	12	EA
9112	1/2" OD / 3/8" ID Brush	12	EA
9113	5/8" OD / 1/2" ID Brush	12	EA
9114	3/4" OD / 5/8" ID Brush	12	EA
9115	7/8" OD / 3/4" ID Brush	12	EA
9116	1" OD / 7/8" ID Brush	12	EA
9117	1-1/8" OD / 1" ID Brush	12	EA
9118	1-3/8" OD / 1-1/4" ID Brush	12	EA

Dial Thermometer

- Hex nut adjustment
- Can be used for solids, liquids, or gases
- Stainless steel case
- Pocket clip & protective sheath



ITEM NO.	DESCRIPTION	STD QTY	U M
8966	-40° To +160° F, 2° Increment, 1" Dial	12	EA
8967	0° To +220° F, 2° Increment, 1" Dial	12	EA
13913	25° To 125° F, 1° Increment, 1" Dial	12	EA
13914	50° To 550° F, 5° Increment, 1" Dial	12	EA
13915	-40° To 160° F, 2° Increment, 1-3/4" Dial	12	EA
13916	0° To 220° F, 2° Increment, 1-3/4" Dial	12	EA
13917	25° To 125° F, 1° Increment, 1-3/4" Dial	12	EA

Digital Thermometer

- On/off button
- Resolution: 0.1°F
- Accuracy: ±0.1°F
- 1-1/4" plastic dial
- Pocket clip case
- 5" stainless steel stem
- **CAUTION:** Do not put inside of an oven



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17535	Digital Thermometer (-58° To 302°F)	1	6	EA

Grease Guns & Accessories



ITEM NO.	DESCRIPTION	STD QTY	U M
14145	14 oz. Grease Gun	1	EA
14146	3.5 oz. Mini Grease Gun	1	EA
14149	12" Flexible Grease Hose	1	EA
14150	18" Flexible Grease Hose	1	EA
17118	36" Flexible Grease Hose	1	EA
14151	Grease Gun Coupler	1	EA
14153	Grease Fitting Assortment (100/Pk)	1	PK

Grease Gun Cartridges

- Resists heat, repels water, prevents wear
- Long lasting, high performance, hard working
- Recommended for chassis & universal joint applications, as well as general purpose around home, farm or shop



ITEM NO.	DESCRIPTION	STD QTY	U M
19823	3 oz. Grease Cartridge (2/Display Pack)	12	PK
19824	14 oz. Grease Cartridge	10	EA

Funnels

- 16307 lightweight, general purpose funnel
- 16308 heavy duty galvanized steel construction with 15" flexible tube with a strainer screen



ITEM NO.	DESCRIPTION	STD QTY	U M
16307	1 qt Utility Funnel	1	EA
16308	1 qt Utility Funnel With 15" Tube	1	EA

Extend-A-Mirror™

- Features a double ball-joint with a nylon insert locking nut for 360° viewing without mirror movement due to a loose joint
- Made of durable chrome-plated brass with a pocket clip
- Telescopic to 19" (9061, 9062, 9063, 9068) or to 15" (9069)



ITEM NO.	DESCRIPTION	STD QTY	U M
9061	7/8" Round Mirror (Carded)	12	EA
9062	2-1/4" Round Mirror (Carded)	12	EA
9063	1" x 2" Oval Mirror (Carded)	12	EA
9068	2-1/8" x 3-1/2" Mirror (Carded)	12	EA
9069	3-1/4" Mirror (Carded)	12	EA

Hi-Power Extend-A-Magnet™

- Picks up to 3-1/2 lbs
- Super adjustable telescoping action
- Bright chrome plated brass handle
- Extends from 5-7/8" to 25-9/16"



ITEM NO.	DESCRIPTION	STD QTY	U M
18109	Hi-Power Extend-A-Magnet	12	EA

Extend-A-Magnet™

- Telescopes into 18" & retracts to 6" with pocket clip
- Can reach in far tight spots
- Strong magnet, durable chrome plated body



ITEM NO.	DESCRIPTION	STD QTY	U M
9060	Extend-A- Magnet (Carded)	6	EA

Extend-A-Match™

- Packaged in attractive skin-pack
- Made of durable chrome plated brass
- Retracts to 5" long
- Match easily held in the spring loaded jaws



ITEM NO.	DESCRIPTION	STD QTY	U M
0170	Extend-A-match	12	EA

5 Gallon Bucket

- HDPE plastic
- Extra sturdy handle



ITEM NO.	DESCRIPTION	STD QTY	U M
16302	5 Gallon Tool Bucket	5	EA
19501	5 Gallon Bucket Lid	5	EA

Analog Multi-Meter

- Manual range selection
- Easy to read, color-coded analog displays
- Includes batteries and test leads



ITEM NO.	DESCRIPTION	STD QTY	U M
14942	12 Range Multi-Meter	1	EA

GB Circuit Alert™ Non-Contact Voltage Detector

- Tests from 50 - 600 volts AC
- Non-contact insulated tip allows for safe troubleshooting
- Audible (beeping) & Visual (flashing) indicators signal presence of AC voltage
- Compact design fits in shirt pocket



ITEM NO.	DESCRIPTION	STD QTY	U M
18215	Circuit Alert Voltage Tester	1	EA

AC Sensors

- UL listed
- Senses voltage through insulation
- Tip glows bright red in presence of AC voltage
- Batteries included
- No contact with conductor wire required



ITEM NO.	DESCRIPTION	STD QTY	U M
14951	AC Sensor: 110 - 600 Volts AC	1	EA
16533	AC Sensor: 24 - 90 Volts AC	1	EA

Heavy Duty Test Leads

- Point of purchase display packaging
- Red & black test lead in each pack
- 18 ga. 90° C EPR rubber insulation
- Soldered connections
- Flexible down to -30° C



ITEM NO.	DESCRIPTION	STD QTY	U M
13807	36" Test Leads (Pair)	1	EA

Multi-Colored Test Leads

- 18" length
- 10 leads per pack (2 of each color)
- Low voltage test leads
- Display packaged



ITEM NO.	DESCRIPTION	STD QTY	U M
19809	Multi-Colored Test Leads (10/Pack)	1	EA

Thinwall Conduit Bender

- Cut bending time in half with built in acrylic levels
- High strength aluminum alloy



ITEM NO.	DESCRIPTION	STD QTY	U M
13934	1/2" Thinwall Bender	1	EA
13935	3/4" Thinwall Bender	1	EA

Fish Tape

- Nylon safety band prevents tape pop-out
- Reel made of shatterproof Cyclocac



ITEM NO.	DESCRIPTION	STD QTY	U M
18498	50' Fish Tape	1	EA
13933	120' Fish Tape	1	EA

Arrow Professional Hammer Tacker

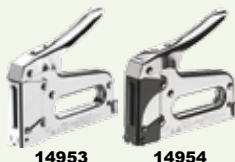
- Steel construction
- Jam resistant mechanism
- Precision locked rear loading
- Ergonomic soft rubber grip
- Recessed hand grip with knuckle guard
- Surface guard flange- reduces surface damage
- Slip guard keeps tacker from slipping out of hand
- Holds two full strips of T-50 staples



ITEM NO.	DESCRIPTION	STD QTY	U M
14962	HTX50 Professional Hammer Tacker	1	EA
14955	504 1/4" Leg T-50 Staple (1250/Bx)	4	BX
14956	506 3/8" Leg T-50 Staple (1250/Bx)	4	BX
14957	508 1/2" Leg T-50 Staple (1250/Bx)	4	BX
14999	509 9/16" Leg T-50 Staple (1250/Bx)	4	BX

Arrow Staple Gun

- All steel construction
- Works well with webbing strap
- #14954 is ideal for fiberglass ductwork
- High carbon, hardened steel working parts
- Adjustable leg curl (#14954 outward clinch)



ITEM NO.	DESCRIPTION	STD QTY	U M
14953	T50 Staple Gun	1	EA
14954	T50OC Outward Clinch Staple Gun	1	EA
14955	504 1/4" Leg T-50 Staple (1250/Bx)	4	BX
14956	506 3/8" Leg T-50 Staple (1250/Bx)	4	BX
14957	508 1/2" Leg T-50 Staple (1250/Bx)	4	BX
14999	509 9/16" Leg T-50 Staple (1250/Bx)	4	BX

Arrow Wiring Tacker

- All steel construction
- Round crown staples hold wire up to 1/4" snugly
- Grooved guide for proper staple placement
- Grooved ejector plate halts staple at safe height



ITEM NO.	DESCRIPTION	STD QTY	U M
14958	T25 Wire Staple Gun Tacker	1	EA
14959	256 3/8" Leg T25 Staple (1000/Bx)	5	BX
14960	259 9/16" Leg T25 Staple (1000/Bx)	5	BX

Arrow Plier Staple Gun

- All steel construction
- Hand guide loop
- Spear pointed anvil arm for penetrating & sealing from within



ITEM NO.	DESCRIPTION	STD QTY	U M
15026	P35S Pliers Staple Gun	1	EA
15027	354 1/4" Leg P-35S Staple (5000/Bx)	1	BX
15028	356 3/8" Leg P-35S Staple (5000/Bx)	1	BX

Arrow Heavy Duty Plier Stapler

- Fastens insulation around pipes, boilers & ducts
- Seals packaging & shipping envelopes



ITEM NO.	DESCRIPTION	STD QTY	U M
18288	P35 Heavy Duty Plier Stapler	1	EA
15027	354 1/4" Leg P-35S Staple (5000/Bx)	1	BX
15028	356 3/8" Leg P-35S Staple (5000/Bx)	1	BX

Arrow Twister® Professional Rivet Tool

- For those hard to get places - head rotates 360°
- All steel construction with comfortable vinyl grip
- Spring loaded handle - locks when not in use
- 4 nose pieces (3/32", 1/8", 5/32" & 3/16") w/ wrench



ITEM NO.	DESCRIPTION	STD QTY	U M
18903	RHT300 Twister Rivet Tool	1	EA

Arrow Professional Rivet Tool

- Extended nose for those hard to get places
- All steel construction with comfortable vinyl grip
- Spring loaded handle - locks when not in use
- 4 nose pieces (3/32", 1/8", 5/32" & 3/16") w/ wrench



ITEM NO.	DESCRIPTION	STD QTY	U M
18902	RH200S Professional Rivet Tool	1	EA

Arrow Rivets

- Grip range: short = 1/8" (3mm); medium = 1/4" (6mm); long = 1/2" (12mm)



ITEM NO.	DESCRIPTION	STD QTY	U M
18904	1/8IP 1/8" S Aluminum (100/Bx)	1	BX
18905	1/8IP 1/8" M Aluminum (100/Bx)	1	BX
18906	1/8IP 1/8" L Aluminum (100/Bx)	1	BX
18907	1/8IP 1/8" S Steel (100/Bx)	1	BX
18908	1/8IP 1/8" M Steel (100/Bx)	1	BX
18909	1/8IP 1/8" L Steel (100/Bx)	1	BX
18910	3/16IP 3/16" S Aluminum (50/Bx)	1	BX
18911	3/16IP 3/16" M Aluminum (50/Bx)	1	BX
18912	3/16IP 3/16" L Aluminum (50/Bx)	1	BX

Spade Type Wood Bits & Bit Extension

- Double cutting spurs scribe the outside of the hole reducing breakout
- 10% larger shank for added durability
- Grooved hex shank prevents slipping in drill chuck or bit extension
- Fits all standard quick change chucks



ITEM NO.	DESCRIPTION	STD QTY	U M
13402	1/4" (1/4") x 6" (1/Pk)	3	PK
13403	5/16" (1/4") x 6" (1/Pk)	3	PK
13404	3/8" (1/4") x 6" (1/Pk)	3	PK
13405	7/16" (1/4") x 6" (1/Pk)	3	PK
13406	1/2" (1/4") x 6" (1/Pk)	3	PK
13407	9/16" (1/4") x 6" (1/Pk)	3	PK

ITEM NO.	DESCRIPTION	STD QTY	U M
13408	5/8" (1/4") x 6" (1/Pk)	3	PK
13409	11/16" (1/4") x 6" (1/Pk)	3	PK
13410	3/4" (1/4") x 6" (1/Pk)	3	PK
13411	13/16" (1/4") x 6" (1/Pk)	3	PK
13412	7/8" (1/4") x 6" (1/Pk)	3	PK
13413	15/16" (1/4") x 6" (1/Pk)	3	PK
13414	1" (1/4") x 6" (1/Pk)	3	PK
13415	1-1/8" (1/4") x 6" (1/Pk)	3	PK
13416	1-1/4" (1/4") x 6" (1/Pk)	3	PK
13417	1-3/8" (1/4") x 6" (1/Pk)	3	PK
13418	1-1/2" (1/4") x 6" (1/Pk)	3	PK
13421	12" Wood Bit Extension	3	EA

Self-Starting Step Drill Bits

- Have an exclusive single radial concave flute
- Use for copper, steel, aluminum & other thin materials
- Allows perfectly round drilled holes in thin material
- Made of industrial grade high speed moly-steel
- Heat treated to insure maximum strength & long life



ITEM NO.	DESCRIPTION	STD QTY	U M
13093	#1 Self-Starting, Drills 1/8" - 1/2"	1	EA
13094	#2 Self-Starting, Drills 3/16" - 1/2"	1	EA
13095	#3 Self-Starting, Drills 1/4" - 3/4"	1	EA
13096	#4 Self-Starting, Drills 3/16" - 7/8"	1	EA
13097	#10 Self-Starting, Drills 1/2"	1	EA
13098	#11 Self-Starting, Drills 7/8"	1	EA
13099	#13 Self-Starting, Drills 1-1/8"	1	EA
13100	#20 Hole Enlarging Only, 9/16" - 1"	1	EA

Hub Puller

- Four pull fingers
- Alignment tool included
- Has flats for wrench
- Fine threads provide additional torque & pulling power



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20210	Hub Puller Fine Thread	1	8	EA

Fin Combs

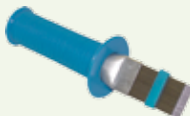
- Straightens condenser & evaporator fins
- Easy to grip
- Keeps hands at a safe distance from fins
- Color-coded for easy identification
- Display packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
19848	8 & 10 FPI Fin Comb - Orange	10	EA
19849	9 & 15 FPI Fin Comb - Yellow	10	EA
19850	11 & 13 FPI Fin Comb - Blue	10	EA
19851	12 & 14 FPI Fin Comb - Green	10	EA
19853	18 & 20 FPI Fin Comb - Red	10	EA
19855	25 & 26 FPI Fin Comb - Dark Red	10	EA

Adjustable Fin Comb

- Comfortable bicycle grip
- Metal bristles
- Adjustable tension band
- Adjusts to all fin spacings
- Display packaging



ITEM NO.	DESCRIPTION	STD QTY	U M
19917	Adjustable Fin Comb	12	EA

Lever Style Tube Benders

- For soft copper, aluminum, brass, steel & other metal tubing
- 90° start requires less effort & makes bending fast & easy
- Markings for left-hand, right-hand, & offset bends



ITEM NO.	DESCRIPTION	STD QTY	U M
17183	Tube Bender: 1/8", 3/16" & 1/4"	1	EA
17184	Tube Bender: 1/4", 5/16" & 3/8"	1	EA

Spring Type Tube Benders

- For soft copper & aluminum tubing
- Tools allow hand bending of soft tubing to any shape without collapsing walls
- Special spring steel, nickel finished
- End belled for quick tube removal



ITEM NO.	DESCRIPTION	STD QTY	U M
17185	1/4" Tube Bender 10" Length	1	EA
17186	5/16" Tube Bender 10" Length	1	EA
17187	3/8" Tube Bender 10" Length	1	EA
17188	7/16" Tube Bender 12" Length	1	EA
17189	1/2" Tube Bender 12" Length	1	EA
17190	5/8" Tube Bender 12" Length	1	EA
17191	3/4" Tube Bender 12" Length	1	EA
17192	7/8" Tube Bender 12" Length	1	EA
17193	8 Piece Kit 1/4" - 7/8"	1	KT
17194	3 Piece Kit 1/4", 5/16", & 3/8"	1	KT
17195	4 Piece Kit 1/4", 3/8", 1/2", & 5/8"	1	KT

Tube Cutters

- For hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium & other tubing
- 17161 requires a maximum swing radius of 1-3/8"
- 17162 requires a maximum swing radius of 1-11/16"
- Stainless steel rollers



ITEM NO.	DESCRIPTION	STD QTY	U M
17161	Tube Cutter 1/8" - 5/8"	1	EA
17199	Replacement Cutting Wheel (10 Pack)	1	PK
17162	Tube Cutter 3/16" - 7/8"	1	EA
17197	Replacement Cutting Wheel (10 Pack)	1	PK

Tube Cutter

- For hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium & other tubing
- Designed for use in tight quarters
- Requires a maximum swing radius of 2-1/4"



ITEM NO.	DESCRIPTION	STD QTY	U M
17163	Tube Cutter 3/8" - 1-1/8"	1	EA
17197	Replacement Cutting Wheel (10/Pack)	10	EA
17198	Replacement Wheel Stainless (10/Pack)	10	EA

Heavy Duty Tube Cutters

- For hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium & other tubing
- Unique design eliminate spiraling
- Makes clean, right-angle cuts with no burrs or chips
- Rugged aluminum body designed for handling ease



ITEM NO.	DESCRIPTION	STD QTY	U M
17164	Heavy Duty Tube Cutter 1/8" - 1-1/8"	1	EA
17165	Heavy Duty Tube Cutter 1/4" - 1-5/8"	1	EA
17197	Replacement Cutting Wheel (10/Pack)	1	PK
17198	Replacement Wheel Stainless (10/Pack)	1	PK

Sliding Ratchet Tube Cutter

- For hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium & other tubing
- Ratchet feed mechanism speeds up cutting
- Extra wide rollers with flare cut-off groove
- Light weight aluminum alloy body



ITEM NO.	DESCRIPTION	STD QTY	U M
17166	Sliding Ratchet Cutter 3/8" - 2-5/8"	1	EA

Ratchet Style Tube Cutter

- Ratchet action
- Allows cutting all the way around



ITEM NO.	DESCRIPTION	STD QTY	U M
17245	[70030] Ratchet Cutter 1/4" - 7/8"	1	EA
17246	[70031] Ratchet Cutter 5/16" - 1-1/8"	1	EA

45° Flaring Tool

- For soft tubing only – copper, aluminum & brass
- Flares 7 sizes of tubing: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", & 5/8"
- Forged steel slip-on yoke & hardened flaring bar



ITEM NO.	DESCRIPTION	STD QTY	U M
17167	45° Flaring Tool	1	EA

45° Flaring Tool

- For soft tubing only – copper, aluminum & brass
- Flaring of tubing sizes 1/4", 5/16", 3/8", 1/2", 5/8", & 3/4" OD
- Cone rolls out & burnishes perfect 45° flare



ITEM NO.	DESCRIPTION	STD QTY	U M
17169	[525F] 45° Flaring Tool	1	EA

45° Large Size Flaring Tool

- For soft tubing only – copper, aluminum & brass
- Flares sizes of tubing: 5/8", 3/4", 7/8" & 1-1/8"
- Hard chrome-finished, swivel flaring cone
- Quick slip-on yoke



ITEM NO.	DESCRIPTION	STD QTY	U M
17170	[203FA] Large Size Flaring Tool	1	EA

45° Rol-Air® Flaring Tools

- For soft tubing only – copper, aluminum & brass
- Faceted, hardened steel, chrome finished cone rolls out perfect 45° flare & automatically burnishes flare face
- Six sizes: 3/16", 1/4", 5/16", 3/8", 1/2" & 5/8"
- Slip-on permits use in tight quarters



ITEM NO.	DESCRIPTION	STD QTY	U M
17168	[500FC] Rol-Air® Flaring Tool	1	EA

45° Flaring, Double Flaring & Cutting Tool Set

- Heavy duty tube cutter 1/8" to 1-1/8"
- Standard 45° flaring tool: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", & 5/8"
- 5 double flaring adapters: 3/16", 1/4", 5/16", 3/8", & 1/2"



ITEM NO.	DESCRIPTION	STD QTY	U M
17154	Flaring / Cutting Tool Set	1	EA

Universal Hydraulic Flaring Tool Set

- Push connect: 1/4", 5/16", & 3/8"
- GM line flares: 5/16" & 3/8"
- Flare / double flare: 3/16", 1/4", 5/16", 3/8", & 1/2"
- Metric bubble flare: 4.75, 6, 8, & 10 mm
- Custom molded box



ITEM NO.	DESCRIPTION	STD QTY	U M
17155	Hydraulic Flaring Tool Set	1	EA

Flaring (45°) & Swaging Tool

- For soft tubing only – copper, aluminum & brass
- Two bars included cover 9 sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", & 3/4" OD
- Swage adapters for tubing sizes: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", & 3/4" OD



ITEM NO.	DESCRIPTION	STD QTY	U M
17171	Flaring & Swaging Tool Kit	1	KT

Swaging Punch Tools

- For soft copper, aluminum & brass tubing
- For making tubing connections with-out fittings



ITEM NO.	DESCRIPTION	STD QTY	U M
17173	1/4" Swaging Punch	1	EA
17174	5/16" Swaging Punch	1	EA
17175	3/8" Swaging Punch	1	EA
17176	1/2" Swaging Punch	1	EA
17177	5/8" Swaging Punch	1	EA
17178	3/4" Swaging Punch	1	EA
17179	7/8" Swaging Punch	1	EA
17180	5 Piece Kit 1/4", 5/16", 3/8", 1/2", & 5/8"	1	KT
17181	1/4", 5/16", 3/8", 1/2", & 5/8" Combo Punch	1	EA

Reamer & Deburring Tool

- Ream inside & outside edges of pipe & tubing
- For 3/16" to 1-1/2" pipe & tubing



ITEM NO.	DESCRIPTION	STD QTY	U M
18509	Reamer & Deburring Tool	6	EA

Pinch-Off Plier

- Specially designed for refrigeration industry
- Pinches off and locks on copper tubing
- Throat 7", Depth 1", Jaw Thickness 1/4"



ITEM NO.	DESCRIPTION	STD QTY	U M
17196	Pinch-Off Plier	1	EA

Valve Core Remover/Installer with Access Port

- Removal of service valve core eliminates restriction
- Creates full flow of refrigerant & vacuum during recovery, evacuation, & recharge
- Save valuable service time



ITEM NO.	DESCRIPTION	STD QTY	U M
17225	[91496] Valve Core Removal Tool	1	EA

Imperial Kwik-Charge®

- Liquid low side charger
- Up to 8 times faster than vapor charging
- Built in check valve opens for drawing unrestricted vacuum
- One chargers services all units 1/2 ton or larger
- 1/4" female S.A.E. flare inlet, 1/4" male S.A.E. flare outlet
- No pressure drop in cylinder



ITEM NO.	DESCRIPTION	STD QTY	U M
18093	Kwik-Charge Low Side Charger	1	EA

"Inspector" 2 in 1 Electronic / UV Leak Detector

- Ultra Bright UV/Blue LED Light
- Mute Function
- Detects Leaks As Small As 1/10 oz Per Year
- Detects All Refrigerants, CFC'S, HCFC'S, HFC'S
- Tri-Colored Visual Leak Level Indicator
- 6 Levels Of Sensitivity (15 Levels Of Detection)



ITEM NO.	DESCRIPTION	STD QTY	U M
17235	[55200] 2 in 1 Leak Detector	1	EA

Dual Temp Infrared Thermometer

- Non-Contact Range: -76 to 1200°F (-60 to 648°C)
- Thermocouple: -83 to 1999°F (-64 to 1400°C)
- Display Illumination: Backlit LCD display
- Field of View: 12:1
- Target Indicator: Single Laser Spot
- Resolution: 0.1°F / 0.1°C
- Accuracy: ±2% of reading
- Response Time: 1 second
- Includes: 2 AAA batteries, instruction manual, & plastic molded carrying case



ITEM NO.	DESCRIPTION	STD QTY	U M
17565	[52224-B] Dual Temp Infrared Therm	1	EA

Compact Subcool/Superheat Calculator

- Pre-programmed with 24 popular refrigerants: R22, R114, R123, R124, R134, R134a, R141B, R142B, R401A, R401B, R404A, R407A, R407B, R407C, R407D, R408A, R409A, R410A, R411A, R411B, R414A, R414B, R417A, & R507A
- Hold function keeps data on the LCD
- Clamp-on thermocouple for accurate temperature measurement
- View bubble & dew temperature for corresponding pressure
- Select superheat or subcool temperature with a touch of a button
- Displays Bubble, Saturated & Dew Point Temperatures
- Pressure displays in Kg/cm2, MPa, Bar, PSI (0-600 PSI)



ITEM NO.	DESCRIPTION	STD QTY	U M
20254	[52246] Compact Heat/Cool Calculator	1	EA

A/C System Analyzer

- Round vane, clamp-on thermocouple, & pressure transducer
- Calculates superheat & subcool temperatures for: R22, R114, R123, R124, R134a, R141, R142, R401A, R401B, R404A, R407A, R407B, R407C, R407D, R408A, R409A, R410A, R411A, R411B, R414A, R414B, R417A, & R507A
- Provides functions: airflow volume, air velocity, dry & wet bulb temperature, relative humidity & dew point
- Operating Temperature: 0 to 50°C (32 to 122°F), humidity <80%
- Storage Temperature: -20 to 50°C (-4 to 122°F), humidity <90%
- Dimensions with boot: 191mm x 93mm x 41mm
- Weight: (meter w/ batteries & round vane) 500g
- Pressure Display: PSI and Bar
- K-type thermocouple connection



ITEM NO.	DESCRIPTION	STD QTY	U M
20253	[52270] A/C System Analyzer	1	EA

Alum Bond

- Each box contains Hardener & Resin
- Aluminum filled epoxy specially formulated for repairing condenser coils, tanks, valves, pumps, castings, water jackets, radiators, etc.
- Anywhere non-rusting, non-magnetic aluminum finish is desired



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20255	[90935-12] Alum Bond	1	12	EA

Rotary Vane Deep Vacuum Pump

- Internal check valve stops oil blowout
- Oil drain valve positioned at bottom of reservoir
- Durable lightweight die cast aluminum housing
- Ultimate vacuum: 75 microns
- Free air displacement: 6 CFM
- 1 stage / 1/4 HP



ITEM NO.	DESCRIPTION	STD QTY	U M
17428	[90066B] Vacuum Pump	1	EA
17429	[90018-6] 18oz Vacuum Pump Oil	6	EA

Refrigerant Recovery System

- Revolutionary double piston oil-less compressor
- Safety high pressure switch
- For use with all refrigerants including R410A
- 115 V / 60 Hz
- 1/2 HP Oil Less Compressor
- Push pull up to 20.2 lb/min
- Operating Temperature: 32 to 122°F
- Weight: 28.3 lbs
- Compatible Refrigerants: All CFC, HCFC, and HFC's



ITEM NO.	DESCRIPTION	STD QTY	U M
20257	[69300] Twin Turbo Recovery System	1	EA

Refrigerant Recovery Tanks

- Powder coated cylinder for high gloss, durable finish
- Y-valve for liquid/vapor
- 3/4" NPT opening accepts up to 80% fill
- 1/4" opening for air purge valve
- Reusable & conforms to DOT-4BA400 specifications & ARI guidelines
- Pre-charged cylinder provides a clean, dry interior
- Valve UL Listed
- AUS Approved & TC Canadian Approved
- Service Pressure: 400 PSI / 2.7 MPa
- Each tank is individually boxed



ITEM NO.	DESCRIPTION	STD QTY	PLT QTY	U M
20251	30 lb Tank (Boxed)	1	60	EA
20256	50 lb Tank (Boxed)	1	24	EA

Tanks Individually Boxed

Wireless Charging Scale with Solenoid

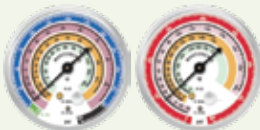
- Wireless unit prevents unwanted tangles in wires
- Program desired quantities an alarm will sound to turn off refrigerant supply
- Empty/full tank feature allows user to know amount of refrigerant in the tank at any time
- Capacity: 243 lbs (110 kg)
- Accuracy: [±0.01 lb / ±0.005 kg] or 0.1%
- Resolution: 0.02 lb / 0.01 kg
- Operating Temperature: 32°F to 120°F (0°C to 49°C)
- Accepts all US & EU standard cylinders



ITEM NO.	DESCRIPTION	STD QTY	U M
20252	[98315] Wireless Charging Scale	1	EA

Precision Refrigerant Gauges

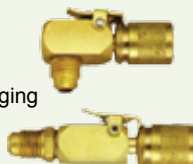
- Easy calibration
- Impact resistant lexan crystals
- Non-flutter operation
- 2-1/2" diameter
- 1/8" pipe thread connection



ITEM NO.	DESCRIPTION	STD QTY	U M
17209	R12, R22, R502; 0 - 500 PSI Gauge	1	EA
17210	R12, R22, R502; 30"/HG-0-120 Gauge	1	EA
18091	R134a; 0 - 500 PSI Gauge	1	EA
18092	R134a; 30"/HG-0-120 Gauge	1	EA
17217	R410A, R22, R404A Low Side Gauge	1	EA
17218	R410A, R22, R404A High Side Gauge	1	EA

Kwik-Couplers

- Seals perfectly without skilled manipulation
- Eliminates hazardous discharge of refrigerant & oil from system when disconnecting hose
- Automatic shut-off of hose ends permits discharging high side hose through manifold to low side
- Fits color coded charging hoses



ITEM NO.	DESCRIPTION	STD QTY	U M
17234	Straight 1/4" Female x 1/4" Male	1	EA
17236	90° 1/4" Female x 1/4" Male	1	EA
17237	Kwik-Coupler Set (17234 & 17236)	1	ST

Refrigerant Couplings

- Captures refrigerant within hose, eliminating refrigerant loss, atmospheric damage & finger burns
- Connects any standard 1/4" SAE refrigerant hose
- Solid brass construction for dependable service
- Innovative modular design permits easy field repairs



ITEM NO.	DESCRIPTION	STD QTY	U M
19876	Straight 1/4" SAE Shut-Off Coupler	1	EA
19877	90° 1/4" SAE Shut-Off Coupler	1	EA
19878	Coupler Service Kit	1	KT

Ratchet Wrenches

- For refrigeration & air conditioning service



ITEM NO.	DESCRIPTION	STD QTY	U M
17240	1/4", 3/16" Square & 5/16", 9/16" Hex	1	EA
17247	1/4", 3/16", 3/8" & 5/16" Square Drive	1	EA

Foaming Action Coil Cleaner

Water Based

Self-Rinsing

Effectively Removes Grease, Oil, & Water Deposits from Evaporator Coils and Fins

See Page 48



Aluminum 3/8" Bore 2-3 Way Ball Valve Manifold Set

- R410A, R22, & R404A
- Solid extruded aluminum body
- Free-floating piston valves reduce o-ring wear
- Silicone dampened gauges
- Gauges can be easily re-calibrated
- Extra large sight glass for visual refrigerant check
- Large easy-to-grip knobs
- 3-1/8" gauges



ITEM NO.	DESCRIPTION	STD QTY	U M
20222	Manifold with three 60" Hoses	1	EA

Brass 2-Way Manifold Set

- R410A, R22, & R404A
- Free-floating piston type valves
- Extra access port for vacuum line
- Silicone dampened gauges
- Gauges can be re-calibrated
- Extra large sight glass for visual check
- Large easy-to-grip knobs
- 3-1/8" gauges



ITEM NO.	DESCRIPTION	STD QTY	U M
20223	Manifold with three 60" Hoses	1	EA

Aluminum 4-Way Manifold Set

- R410A, R22, & R404A
- Solid extruded aluminum body
- Stainless steel ball valve design controls flow smoothly & quickly with only a quarter turn
- Extra large sight glass for visual check
- Silicone dampened gauges
- Gauges can easily re-calibrated
- Includes 3 - 1/4" SAE B-R-Y hoses with B/Valves and one 3/8" SAE Black vacuum hose
- 3-1/8" gauges



ITEM NO.	DESCRIPTION	STD QTY	U M
20224	Manifold with three 60" Hoses	1	EA

HVAC Digital Manifold

- Kit includes: manifold 3 60" hoses, vacuum sensor with cable and clamp-on thermocouple
- Class 1.0 standard gauge reading
- Displays: PSI, INHg, Bar, MPa, Kg/cm2
- Display: Micron, mBar, KPa, mmHg
- Accuracy: ±1 psi or 1% of reading
- Operating Temperature: 32 to 122°F (0 to 45°C)
- Working Pressure: 0 to 750 psi (52 Bar, 5 MPa, 52 Kg/cm2)
- Refrigerant Temperature Range: -40 to 200°F (-40 to 93°C)
- Temperature: ±1°F (±0.5°C) between 32 to 160°F (0 to 71°C)
- Connections: 1/4" M-Flare



ITEM NO.	DESCRIPTION	STD QTY	U M
20221	[99661] HVAC Digital Manifold	1	EA

Equipment Pads

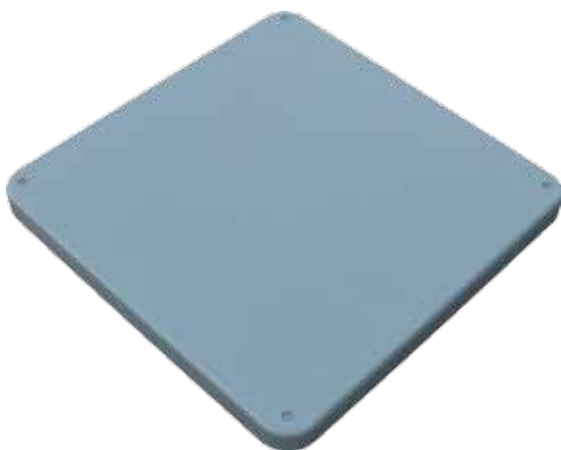
Lightweight, 30 x 30 x 3 pad weighs only 10 lbs

Strong high density polyethylene construction

Textured top to prevent slipping

Corner tabs help keep pads stacked

See Page 3 For Sizes Available!



Color Coded Charging Hoses

- 800 PSI working / 4000 PSI burst pressure
- 1/4" SAE flare connectors
- Designed to meet UL & SAE requirements for strength, pressure & refrigerant permeation



ITEM NO.	DESCRIPTION	STD QTY	U M
17212	3' Red Charging Hose	1	EA
17214	3 Piece Set: 3' Charging Hoses	1	ST
17222	5' Yellow Charging Hose	1	EA
17223	5' Red Charging Hose	1	EA
17224	5' Blue Charging Hose	1	EA
17226	3 Piece Set: 5' Charging Hoses	1	ST
17232	3 Piece Set: 6' Charging Hoses	1	ST
17238	1/4" Hose Seal Gaskets (10/Pk)	1	PK

Rayovac® Batteries



ITEM NO.	DESCRIPTION	STD QTY	U M
7110	Two "D" Cells Alkaline, Carded	12	CD
13206	"D" Cell Industrial Alkaline, 6 Pack	72	EA
7115	Two "C" Cell Alkaline, Carded	12	CD
7135	Two "C" Cells Heavy Duty, Carded	12	CD
13207	"C" Cell Industrial Alkaline, 6 Pack	72	EA
7120	Two "AA" Cells Alkaline, Carded	12	CD
7125	Four "AA" Cells Alkaline, Carded	12	CD
13208	"AA" Industrial Alkaline, 8 Pack	96	EA
7127	Two "AAA" Cells Alkaline, Carded	12	CD
13209	"AAA" Industrial Alkaline, 8 Pack	96	EA
7130	One 9-Volt Alkaline, Carded	12	CD
7145	One 9-Volt Heavy Duty, Carded	12	CD
13210	9 Volt Industrial Alkaline, 6 Pack	72	EA

Rayovac® Alkaline Industrial Batteries Contractor Packs

- Convenient re-closable packs



ITEM NO.	DESCRIPTION	STD QTY	U M
14206	[ALD-12] "D" Size - 12 Pack	1	PK
14207	[ALC-12] "C" Size - 12 Pack	1	PK
14208	[ALAA-24] "AA" Size - 24 Pack	1	PK
14209	[ALAAA-18] "AAA" Size - 18 Pack	1	PK
14210	[AL9V-8] 9-Volt Size - 12 Pack	1	PK

Rayovac® Lantern Batteries



ITEM NO.	DESCRIPTION	STD QTY	U M
7150	6 V Spring Terminal Battery	12	EA

Delay On Make Timer



See Page 62

Delay On Break Timer



See Page 62

LED High Luminance Flashlight

- High Luminance
- Durable Aluminum Case
- Batteries not included
- Alkaline Batteries Recommended



ITEM NO.	DESCRIPTION	STD QTY	U M
16064	5 LED High Luminance Flashlight (2 AA)	12	EA
18078	6 LED / 1 Krypton Bulb Light (3 C)	12	EA
17130	10 LED High Luminance Flashlight (3 D)	12	EA

7 LED Pocket Light

- Works as a Flashlight or Work-light
- 7 LEDs
- Magnetic
- Display carton
- Requires 3 AAA batteries (not included)



ITEM NO.	DESCRIPTION	STD QTY	U M
20298	7 LED Pocket Light	24	EA

25 LED Utility Light

- Works as a Flashlight or Work-light
- 25 LEDs
- Flexible
- 360° Hook
- Magnetic
- Requires 4 AA batteries (not included)
- Display carton



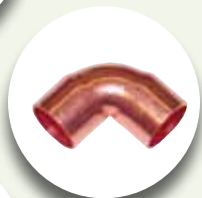
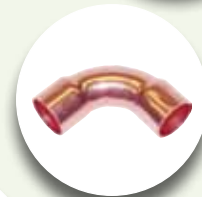
ITEM NO.	DESCRIPTION	STD QTY	U M
30299	25 LED Utility Light	6	EA

LED Work Light

- Can be held in place by a powerful magnet or convenient hook
- 18 bright LEDs
- Requires 3 "AA" Batteries
- Includes carry holster with belt clip



ITEM NO.	DESCRIPTION	STD QTY	U M
20615	LED Work Light	1	EA



See Pages 16 - 19

Concrete Screws

- High/low threads with nail type point
- Hex washer head
- Box has 100 screws & 1 masonry drill bit



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17734	3/16" x 1-1/4" Screws, Head: 1/4" (100/Bx)	1	8	BX
17736	1/4" x 1-1/4" Screws, Head: 5/16" (100/Bx)	1	8	BX
17737	1/4" x 1-3/4" Screws, Head: 5/16" (100/Bx)	1	8	BX

Self-Piercing Screws

- Made of zinc plated steel
- Needle point with twin lead thread
- Slotted head with 1/4" indented hex



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17005	No. 6 x 3/8" Screws (100/Bag)	5	30	BG
17006	No. 6 x 3/8" Screws (1000/Tub)	4	24	TB
17007	No. 7 x 1/2" Screws (100/Bag)	5	30	BG
17008	No. 7 x 1/2" Screws (1000/Tub)	4	24	TB
17009	No. 8 x 1/2" Screws (100/Bag)	5	30	BG
17010	No. 8 x 1/2" Screws (1000/Tub)	4	24	TB
17011	No. 8 x 3/4" Screws (500/Tub)	4	24	TB
17012	No. 8 x 1" Screws (500/Tub)	4	24	TB
17013	No. 8 x 1-1/2" Screws (250/Tub)	4	24	TB
17014	No. 8 x 2" Screws (250/Tub)	4	24	TB

Plastic Anchor Kits

- Contains flanged 100 plastic anchors & matching screws & one carbide tipped masonry drill bit
- Installations are fast & simple in tile, brick, masonry or stone
- Convenient "snap-lock" lid to prevent spills
- Kit is made of shatter proof plastic
- Has slot for hanging on peg-board
- SP = Slot Pan Head / HW = Hex Washer Head



ITEM NO.	DESCRIPTION	STD QTY	U M
6607	3/16"x7/8" - 8x1 Phillips SP Head (100/Kt)	10	KT
6608	1/4"x1" - 10x1 Phillips SP Head (100/Kt)	10	KT
6609	5/16"x1-1/2" - 14x1-1/2 Phillips SP Hd (50/Kt)	10	KT
14082	3/16"x7/8" - 8x1 Slotted 1/4" HW Hd (100/Kt)	10	KT
14083	1/4"x1" - 10x1 Slotted 5/16" HW Hd (100/Kt)	10	KT

Sheet Metal Nails

- 1-1/4" sheet metal panning nails



ITEM NO.	DESCRIPTION	STD QTY	U M
16778	5 lb - 19/64" Head Size, 13 Gauge	1	BX
16779	50 lb - 19/64" Head Size, 13 Gauge	1	BX

Hanging Straps

- 1" wide strap



ITEM NO.	DESCRIPTION	STD QTY	U M
97504	31" Hanging Strap	24	EA
97505	60" Hanging Strap	10	EA

Sisal Twine

- Economical
- Excellent single use load tie-down material
- Sisal is a natural fiber
- Approximately 3000 feet per box of twine



ITEM NO.	DESCRIPTION	STD QTY	U M
18680	1 Ply x 10 lb Sisal Twine	1	CL

Rubber Tie-Down Straps

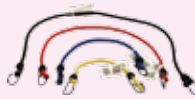
- Engineered to perform
- Sunlight & temperature resistant
- Manufactured from virgin EPDM rubber
- Features heavy duty galvanized "S" hooks



ITEM NO.	DESCRIPTION	STD QTY	U M
17121	10" Rubber Tie-Down Strap	10	EA
0172	10" Rubber Tie-Down Strap (Bulk)	100	EA
17122	15" Rubber Tie-Down Strap	10	EA
0173	15" Rubber Tie-Down Strap (Bulk)	100	EA
17123	21" Rubber Tie-Down Strap	10	EA
0174	21" Rubber Tie-Down Strap (Bulk)	100	EA
17124	31" Rubber Tie-Down Strap	10	EA
0175	31" Rubber Tie-Down Strap (Bulk)	100	EA
17126	41" Rubber Tie-Down Strap	10	EA
0176	41" Rubber Tie-Down Strap (Bulk)	100	EA

Bungee Tie-Down Cords

- Display packages
- Heavy duty 3/8" cord
- Colored cover for easy size identification
- Strong coated metal hooks



ITEM NO.	DESCRIPTION	STD QTY	U M
20074	15" Yellow 3/8" Bungee Cord	20	EA
20075	21" Blue 3/8" Bungee Cord	20	EA
20076	31" Red 3/8" Bungee Cord	10	EA

3 Strand Twisted Polypropylene Rope

- Resistant to electricity, mildew, grease, oils & chemicals
- Lightweight & waterproof



ITEM NO.	DESCRIPTION	STD QTY	U M
13962	1/4" x 50' Coil	1	CL
13963	1/4" x 100' Coil	1	CL
13964	3/8" x 50' Coil	1	CL
13965	3/8" x 100' Coil	1	CL
13966	1/2" x 50' Coil	1	CL
13967	1/2" x 100' Coil	1	CL

Solid Braid Nylon Rope

- High shock absorption
- Chemical, sunlight & abrasion resistant
- Will stay round over pulleys



ITEM NO.	DESCRIPTION	STD QTY	U M
13968	1/4" x 50' Coil	1	CL
13969	1/4" x 100' Coil	1	CL
13970	3/8" x 50' Coil	1	CL
13971	3/8" x 100' Coil	1	CL
13972	1/2" x 50' Coil	1	CL
13973	1/2" x 100' Coil	1	CL

Black/Orange Truck Rope

- Polypropylene



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16106	3/8" x 50' Black/Orange Rope	1	12	RL
16107	3/8" x 100' Black/Orange Rope	1	12	RL

Black/Orange Rope with Hook

- Polypropylene
- Handy utility hook attached



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17110	1/2" x 50' Black/Orange Rope	1	12	RL

Blue Reinforced Tarps

- Metal grommets
- Heavy duty industrial polyethylene
- "Safety Brite Blue" colored
- Laminated sides for weatherproofing
- 4.5 mil
- Finished size 6" less than listed dimensions



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16591	5' x 7' "Safety Brite" Blue Tarp	1	40	EA
16592	8' x 10' "Safety Brite" Blue Tarp	1	24	EA
16593	10' x 12' "Safety Brite" Blue Tarp	1	14	EA
16594	12' x 16' "Safety Brite" Blue Tarp	1	10	EA
16595	12' x 20' "Safety Brite" Blue Tarp	1	8	EA

3M™ N95 Particulate Respirator

- Designed to help provide reliable worker against certain non-oil based particles (TC-84A-0007)
- Electrostatically charged microfibers makes breathing easier & cooler
- Adjustable nose clip



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18569	Particulate Respirator (20/Bx)	1	8	BX

N95 Particulate Mask

- N95 approved particulate respirator meets NIOSH
- Micro filter medium protects against micron-size particles
- Double band holds mask firmly in place



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19759	Particulate Mask (20/Bx)	1	20	BX

Economy Dust Masks

- Inexpensive
- Disposable



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19662	Economy Dust Masks (50/Bx)	1	20	BX

First Aid Kits



ITEM NO.	DESCRIPTION	STD QTY	U M
19694	10 Person Plastic First Aid Kit	1	EA
19703	25 Person Plastic First Aid Kit	1	EA
19704	50 Person Plastic First Aid Kit	1	EA

Hard Hats

- Fits head sizes 6-1/2" - 7-3/4"
- Comfortable, impact absorbing 6-point woven nylon suspension with a fully cushioned brow pad
- Molded from high density polyethylene
- Meets or exceeds all applicable OSHA regulations & ANSI Z89.1 Class A, B & C requirements



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
17728	White Hard Hat	1	12	EA
17729	Yellow Hard Hat	1	12	EA
17730	Blue Hard Hat	1	12	EA
17731	Quilted Nylon, Fleece Winter Liner	1	12	EA

Hearing Protection

- Comfortable, economical protection & NRR 32



ITEM NO.	DESCRIPTION	STD QTY	U M
15044	Foam Ear Plugs With Cord	200	EA

Three Piece Rain Suits

- The .25mm yellow three piece suit includes a jacket, detachable hood & bib pants
- Durable PVC rainsuits gives total body coverage



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18594	Medium Three Piece Rainsuit	1	6	EA
18595	Large Three Piece Rainsuit	1	6	EA
18596	X-Large Three Piece Rainsuit	1	6	EA
18597	XX-Large Three Piece Rainsuit	1	6	EA

Strikers Protective Eyewear

- Aerodynamic, frameless design
- 8-base curve polycarbonate lens
- Polycarbonate lens offers 99% UV protection
- 4-position adjustable temples & soft PVC nose pad for added comfort
- Non slip rubber grips
- Meets ANSI Z87.1 - high impact requirements



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18953	Black/Clear	1	12	EA
18954	Black/Smoke	1	12	EA
18956	Black/Amber	1	12	EA
18957	Black/Silver Mirror	1	12	EA
18959	Black/Gold Mirror	1	12	EA
18960	Black/Clear Anti-Fog	1	12	EA
18961	Black/IR Shade 5	1	12	EA
18962	Red, White & Blue/Clear	1	12	EA
18963	Red, White & Blue/Smoke	1	12	EA

Boas Protective Eyewear

- Wraparound design fits snugly for total optical protection
- Optically correct 9.75 base spherical polycarbonate lens
- Lens offers 99% UV protection
- Ultra-lightweight polycarbonate frames
- Meets the requirement of ANSI Z87.1



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18585	Smoke/Smoke Boas	1	12	EA
18586	Smoke/Clear Boas	1	12	EA
18587	Smoke/Silver Mirror Boas	1	12	EA
18588	Clear/Silver Mirror Boas	1	12	EA
18589	Clear/Clear Boas	1	12	EA
18590	Amber/Amber Boas	1	12	EA
18591	Smoke/Gold Mirror Boas	1	12	EA
18592	Blue/Blue Mirror Boas	1	12	EA

Safety Glasses

- Lightweight Polycarbonate
- One-piece lens
- Protection against UV rays
- Meets vision requirements of ANSI Z87.1



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
15235	Clear Wrap Around Glasses	1	12	EA

Ultra Soft Goggles

- Provide UV protection
- Polycarbonate lenses
- Perforated to allow comfortable ventilation
- Lightweight, flexible vinyl frame
- Meets the requirement of ANSI Z87.1



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18581	Clear Lens Goggle	1	24	EA
18582	Clear Fogless Lens Goggle	1	24	EA

Splash Guard Goggles

- Both the frame & lens filter out harmful ultraviolet rays
- Four indirect vents allow air to flow
- Lightweight pliable vinyl frames
- Polycarbonate lenses
- Meets the requirement of ANSI Z87.1



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18583	Clear Lens Splash Guard Goggle	1	24	EA
18584	Clear Fogless Lens Splash Guard Goggle	1	24	EA

Disposable Coveralls

- Made from a breathable, stay-cool material
- Disposable, but extra tough & tear resistant
- Dark blue
- Includes a pair shoe of covers



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
18991	L Disposable Coveralls	1	24	EA
18992	XL Disposable Coveralls	1	24	EA
18993	XXL Disposable Coveralls	1	24	EA

Premium Shoe Covers

- Protects floors from dirt, scuffs & scratches
- Dark blue in color
- Fits up to size 15 shoe
- Dispenser box



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20622	Premium Shoe Covers	50	150	PR

Water Proof Shoe Covers

- Protects floors from dirt, scuffs & scratches
- Dark blue in color
- Fits up to size 15 shoe
- Dispenser box



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20623	Premium Water Proof Shoe Covers	40	120	PR

Shoe Covers

- Protects floors from dirt, scuffs & scratches
- Slip Resistant Sole
- Economically Priced



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19807	XL Shoe Covers (Bulk)	50	500	PR
19819	XXL Shoe Covers (Bulk)	50	500	PR
19808	XL Shoe Covers (5 Pair Display Pack)	10		PK

ShuBee Red Carpet Treatment

- 24" x 200' Roll
- Protects carpets from dirt & traffic damage
- Super tough, self-adhesive polyethylene
- Simply peel up the Red Carpet Treatment
- Does not leave a sticky residue



ITEM NO.	DESCRIPTION	STD QTY	U M
15162	ShuBee Red Carpet Treatment	1	EA

Shop Towels

- Red in color with hemmed edges
- 14" x 14" Nominal size
- Pre washed



ITEM NO.	DESCRIPTION	STD QTY	U M
15153	Red Cloth Shop Towel (25/Bg)	1	BG

Terry Towels

- White in color
- 100% cotton
- Washed
- 14" x 17" Nominal size




ITEM NO.	DESCRIPTION	STD QTY	U M
15175	White Terry Towels (25/Bag)	1	BG

Surgical Towels

- Green in color
- 100% cotton
- Washed
- 15" x 24" Nominal size




ITEM NO.	DESCRIPTION	STD QTY	U M
15187	Green Surgical Towels (32/Bx)	1	BX



Silicone Caulks

Silicone Sealant

Permanently flexible -60°F to 400°F
 100% RTV silicone
 Insulates thermally
 Waterproof seal
 Weatherproof seal



Hi-Temp Silicone

Permanently flexible -85°F to 450°F
 Short term exposure to 500°F
 100% RTV silicone
 Insulates thermally
 Waterproof seal

See Page 40

EQUIPMENT & BASES
 DRAIN PLUMBING & CHEMICALS
 CONDENSATE SEALANTS LUBES VENTING
 ELECTRONICS & CONTROLS
 ELECTRICAL
 TOOLS
 MISCELLANEOUS
 INDEX

WypAll® L20 Wipers

- Pop-up box
- Multi-ply paper for strength and absorbency
- Size: 9.1" x 16.8"
- Color: Tan



ITEM NO.	DESCRIPTION	STD QTY	U M
13942	[47033] Wypall L20 Wipers (88/Bx)	10	BX

WypAll® L40 Wipers

- Pop-up Box
- One-at-a-time dispensing for users on the go
- Size 16.4" x 9.8"
- Color: White



ITEM NO.	DESCRIPTION	STD QTY	U M
18490	[05790] WypAll L40 Wipers (100/Bx)	9	EA

WypAll® X60 Wipers

- Hydroknit™ material technology for a lighter-weight wiper
- Combines performance & economy for light-duty tasks
- Size: 9.1" x 16.8"
- Color: White



ITEM NO.	DESCRIPTION	STD QTY	U M
19099	[34790] WypAll X60 Wipers (126/Bx)	10	EA

WypAll® X70 Wipers

- Durable, absorbent wipers that stay strong
- HYDROKNIT Fast Absorbing Material
- Size: 12.5" x 16.8"
- Color: White



ITEM NO.	DESCRIPTION	STD QTY	U M
19097	[41300] WypAll X70 Wipers (152/Bx)	1	EA

Access® Wall Mount Wiper Dispenser

- Versatile sleeve-like clip for convenient dispensing
- Steel construction
- Size: 10.8" x 0.65" x 8.0"
- Color: White



ITEM NO.	DESCRIPTION	STD QTY	U M
13058	[73900] Wall Mount Wiper Dispenser	1	EA

LA-CO® #80 Felt Tip Markers

- Round, valve-actuated tip releases ink on-demand for smooth continuous use
- Smear-resistant, water-resistant and fast-drying ink markers
- Marks on metal, wood cardboard, paper, plastic, glass, etc.



ITEM NO.	DESCRIPTION	STD QTY	U M
16182	Black Dura-Ink #80 Valve Action Tip	12	EA

LA-CO® Valve Action Paint Marker

- Marks with real paint, dries in 3 minutes
- Durable metal barrel
- Long-lasting, weather, water, & UV resistant marks
- Marks on all surfaces including: metal, wood, glass, plastic, rubber, cardboard and paper
- Lead-free paint meets California VOC regulations
- Marking Range: -50°F to 150°F (-46°C to 66°C)



ITEM NO.	DESCRIPTION	STD QTY	U M
16173	Black Valve Action Paint Marker	12	EA
16174	Red Valve Action Paint Marker	12	EA
16175	Blue Valve Action Paint Marker	12	EA
16176	Green Valve Action Paint Marker	12	EA

Disposable Latex Gloves

- Safe, convenient, comfortable
- Protect your hands from: paint, dirt, etc.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
16361	Medium Latex Gloves (100/Bx)	1	10	BX
16362	Large Latex Gloves (100/Bx)	1	10	BX
19651	X-Large Latex Gloves (100/Bx)	1	10	BX

Disposable Vinyl Gloves

- Safe, convenient, comfortable
- Protect your hands from: paint, dirt, etc.



ITEM NO.	DESCRIPTION	STD QTY	CTY QTY	U M
19652	Medium Vinyl Gloves (100/Bx)	1	10	BX
19653	Large Vinyl Gloves (100/Bx)	1	10	BX
19654	X-Large Vinyl Gloves (100/Bx)	1	10	BX

Disposable Nitrile Gloves

- Safe, convenient, comfortable
- Protect your hands from: paint, dirt, etc.



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19655	Medium Nitrile Gloves (100/Bx)	1	10	BX
19656	Large Nitrile Gloves (100/Bx)	1	10	BX
19657	X-Large Nitrile Gloves (100/Bx)	1	10	BX

Black Lightning™ Powder Free Nitrile Gloves

- Made to match healthy skin's natural 5.5 pH levels
- Quadruple washed - no excess chemicals
- Unique formulation reduces excess perspiration
- Superior strength & stretch - no more tearing
- Latex Free
- Textured Grip
- Ambidextrous



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19658	Medium Nitrile Gloves (100/Bx)	1	10	BX
19659	Large Nitrile Gloves (100/Bx)	1	10	BX
19660	X-Large Nitrile Gloves (100/Bx)	1	10	BX
19661	XX-Large Nitrile Gloves (100/Bx)	1	10	BX

Gloveworks® Industrial Black Nitrile Gloves

- Latex Free / Powder Free
- 50 percent thicker than standard nitrile gloves
- Excellent barrier protection and gripping power



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
20259	Medium Nitrile Gloves (100/Bx)	1	10	BX
20260	Large Nitrile Gloves (100/Bx)	1	10	BX
20261	X-Large Nitrile Gloves (100/Bx)	1	10	BX
20262	XX-Large Nitrile Gloves (100/Bx)	1	10	BX

Black Mechanics Gloves

- Black synthetic leather
- Reinforced palm
- Black spandex back
- Velcro closure



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19918	M Black Mechanics Gloves	1	72	EA
19919	L Black Mechanics Gloves	1	72	EA
19920	XL Black Mechanics Gloves	1	72	EA

Mechanics Gloves

- Pig grain leather
- Thinsulate lining
- RAO Tex waterproof & breathable lining
- Reinforced palm
- Blue spandex back
- Velcro closure



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19921	M Mechanics Gloves	1	72	EA
19922	L Mechanics Gloves	1	72	EA
19923	XL Mechanics Gloves	1	72	EA

Premium Mechanics Gloves

- Black synthetic leather
- Reinforced palm
- Hi-viz orange nylon spandex back
- TPR padding covering back of hand, knuckles, & full fingers
- Velcro closure



ITEM NO.	DESCRIPTION	STD QTY	CTN QTY	U M
19924	M Premium Mechanics Gloves	1	72	EA
19925	L Premium Mechanics Gloves	1	72	EA
19926	XL Premium Mechanics Gloves	1	72	EA

Work Gloves

- High quality - economically priced
- Hang tags for peg board display



ITEM NO.	DESCRIPTION	STD QTY	U M
16765	8 oz. Cotton Canvas Glove	12	PR
16766	9 oz. Brown Jersey Glove	12	PR
16767	9 oz. Brown Jersey w/ PVC Dots	12	PR
16768	Leather Palm w/ Rubberized Cuff	12	PR
16769	Leather Palm w/ Knit Wrist	12	PR
16770	Split Leather Drivers Glove	12	PR
16771	Leather Drivers w/ Keystone Thumb	12	PR
16772	Cotton/Polyester String Knit Glove	12	PR
16773	8 oz. Cotton Canvas w/ PVC Dots	12	PR
17158	Red Lined Brown Jersey Glove	12	PR

"A" Multi-Plus V-Belts

- 1/2" top x 5/16" thick x 40° angle



ITEM NO.	DESCRIPTION	STD QTY	U M
18094	A18 (20" OD) 4L200	1	EA
18095	A19 (21" OD) 4L210	1	EA
18096	A20 (22" OD) 4L220	1	EA
18097	A21 (23" OD) 4L230	1	EA
18098	A22 (24" OD) 4L240	1	EA
18099	A23 (25" OD) 4L250	1	EA
18100	A24 (26" OD) 4L260	1	EA
18101	A25 (27" OD) 4L270	1	EA
17905	A26 (28" OD) 4L280	1	EA
17906	A27 (29" OD) 4L290	1	EA
17907	A28 (30" OD) 4L300	1	EA
17908	A29 (31" OD) 4L310	1	EA
17909	A30 (32" OD) 4L320	1	EA
17910	A31 (33" OD) 4L330	1	EA
17911	A32 (34" OD) 4L340	1	EA
17912	A33 (35" OD) 4L350	1	EA
17913	A34 (36" OD) 4L360	1	EA
17914	A35 (37" OD) 4L370	1	EA
17915	A36 (38" OD) 4L380	1	EA
17916	A37 (39" OD) 4L390	1	EA
17917	A38 (40" OD) 4L400	1	EA
17918	A39 (41" OD) 4L410	1	EA
17919	A40 (42" OD) 4L420	1	EA
17920	A41 (43" OD) 4L430	1	EA
17921	A42 (44" OD) 4L440	1	EA
17922	A43 (45" OD) 4L450	1	EA
17923	A44 (46" OD) 4L460	1	EA

ITEM NO.	DESCRIPTION	STD QTY	U M
17924	A45 (47" OD) 4L470	1	EA
17925	A46 (48" OD) 4L480	1	EA
17926	A47 (49" OD) 4L490	1	EA
17927	A48 (50" OD) 4L500	1	EA
17928	A49 (51" OD) 4L510	1	EA
17929	A50 (52" OD) 4L520	1	EA
17930	A51 (53" OD) 4L530	1	EA
17931	A52 (54" OD) 4L540	1	EA
17932	A53 (55" OD) 4L550	1	EA
17933	A54 (56" OD) 4L560	1	EA
17934	A55 (57" OD) 4L570	1	EA
17935	A56 (58" OD) 4L580	1	EA
17936	A57 (59" OD) 4L590	1	EA
17937	A58 (60" OD) 4L600	1	EA
17938	A59 (61" OD) 4L610	1	EA
17939	A60 (62" OD) 4L620	1	EA
17940	A61 (63" OD) 4L630	1	EA
17941	A62 (64" OD) 4L640	1	EA
17942	A63 (65" OD) 4L650	1	EA
17943	A64 (66" OD) 4L660	1	EA
17944	A65 (67" OD) 4L670	1	EA
17945	A66 (68" OD) 4L680	1	EA
17946	A67 (69" OD) 4L690	1	EA
17947	A68 (70" OD) 4L700	1	EA
17948	A69 (71" OD) 4L710	1	EA
17949	A70 (72" OD) 4L720	1	EA
17950	A71 (73" OD) 4L730	1	EA
17951	A72 (74" OD) 4L740	1	EA
17952	A73 (75" OD) 4L750	1	EA
17953	A74 (76" OD) 4L760	1	EA
17954	A75 (77" OD) 4L770	1	EA
17955	A76 (78" OD) 4L780	1	EA
17956	A77 (79" OD) 4L790	1	EA
17957	A78 (80" OD) 4L800	1	EA

"B" Multi-Plus V-Belts

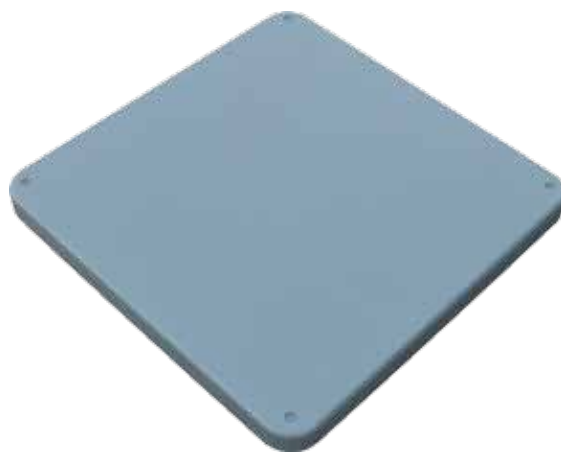
- 21/32" top x 13/32" thick x 40° angle



ITEM NUMBER	DESCRIPTION	STD QTY	U M
17958	B27 (30" OD) 5L300	1	EA
17959	B28 (31" OD) 5L310	1	EA
17960	B29 (32" OD) 5L320	1	EA
17961	B30 (33" OD) 5L330	1	EA
17962	B31 (34" OD) 5L340	1	EA
17963	B32 (35" OD) 5L350	1	EA
17964	B33 (36" OD) 5L360	1	EA
17965	B34 (37" OD) 5L370	1	EA
17966	B35 (38" OD) 5L380	1	EA
17967	B36 (39" OD) 5L390	1	EA
17968	B37 (40" OD) 5L400	1	EA
17969	B38 (41" OD) 5L410	1	EA
17970	B39 (42" OD) 5L420	1	EA
17971	B40 (43" OD) 5L430	1	EA
17972	B41 (44" OD) 5L440	1	EA
17973	B42 (45" OD) 5L450	1	EA
17974	B43 (46" OD) 5L460	1	EA
17975	B44 (47" OD) 5L470	1	EA
17976	B45 (48" OD) 5L480	1	EA
17977	B46 (49" OD) 5L490	1	EA
17978	B47 (50" OD) 5L500	1	EA
17979	B48 (51" OD) 5L510	1	EA

ITEM NO.	DESCRIPTION	STD QTY	U M
17980	B49 (52" OD) 5L520	1	EA
17981	B50 (53" OD) 5L530	1	EA
17982	B51 (54" OD) 5L540	1	EA
17983	B52 (55" OD) 5L550	1	EA
17984	B53 (56" OD) 5L560	1	EA
17985	B54 (57" OD) 5L570	1	EA
17986	B55 (58" OD) 5L580	1	EA
17987	B56 (59" OD) 5L590	1	EA
17988	B57 (60" OD) 5L600	1	EA
17989	B58 (61" OD) 5L610	1	EA
17990	B59 (62" OD) 5L620	1	EA
17991	B60 (63" OD) 5L630	1	EA
17992	B61 (64" OD) 5L640	1	EA
17993	B62 (65" OD) 5L650	1	EA
17994	B63 (66" OD) 5L660	1	EA
17995	B64 (67" OD) 5L670	1	EA
17996	B65 (68" OD) 5L680	1	EA
17997	B66 (69" OD) 5L690	1	EA
17998	B67 (70" OD) 5L700	1	EA
17999	B68 (71" OD) 5L710	1	EA
18000	B69 (72" OD) 5L720	1	EA
18001	B70 (73" OD) 5L730	1	EA
18002	B71 (74" OD) 5L740	1	EA
18003	B72 (75" OD) 5L750	1	EA
18005	B74 (77" OD) 5L770	1	EA
18006	B75 (78" OD) 5L780	1	EA
18007	B76 (79" OD) 5L790	1	EA
18008	B77 (80" OD) 5L800	1	EA

STANDARDS & BASES
EQUIPMENT
DRAIN PUMPING & CHEMICALS
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SEALANTS LUBES VENTING
ELECTRONICS &
ELECTRICAL
TOOLS
MISCELLANEOUS
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Equipment Pads

Lightweight, 30 x 30 x 3 pad weighs only 10 lbs

Strong high density polyethylene construction

Textured top to prevent slipping

Corner tabs help keep pads stacked

See Page 3 For Sizes Available!

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STANDARDS & BASES
EQUIPMENT
CONDENSATE
PLUMBING & CHEMICALS
SEALANTS & LUBES
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