# Converting Inventory from Cash Clog to Cash Flow

Before Little Tommy's Plumbing Shop in Highland Park, Ill. had consistent inventory controls, business suffered. Shelves were too full or too empty, technicians were tied up in unbillable supply house trips, and data insights into usage and ordering were nonexistent. With inventory intelligence and auto-replenishment from Hodes Co., Tommy's trucks now have the right supplies in stock, less cash is locked up in inventory, and technicians can spend more time with customers and less time on parts runs.

Tom Mahoney calls it like he sees it. A true tradesman and entrepreneur, he deals with reality, is honest with himself and his employees, and works hard to make the best of any situation.

His inventory had become a problem and he was clear-eyed in his assessment.

"We had very few inventory expense controls, messy stock shelves, and no discipline on ordering," Mahoney said. "It was costing me thousands each month."

Little Tommy's serves Chicago's North Shore and the well-heeled suburbs of Deerfield, Glencoe, Highland Park, Highwood, Kenilworth, Lake Forest, and Wilmette. The company's nine technicians focus primarily on residential projects, with a small percentage of new construction and commercial projects as part of the mix as well.

Mahoney is the first to admit that as a plumber at heart, with a busy and

We've always put our customers and our people first and didn't spend much time on internal systems to make our business run better, but when I took a hard look at the dollars at stake with our inventory, I knew we had to do something.



Tom Mahoney Owner of Little Tommy's Plumbing Shop

growing business, parts inventory was never a priority.

"We've always put our customers and our people first and didn't spend much time on internal systems to make our business run better," Mahoney said. "But when I took a hard look at the dollars at stake with our inventory, I knew we had to do something." Mahoney decided to dig in and take a harder look at his inventory problems. He knew there had to be a better way.

#### The Basics of Good Inventory Control

Not quite sure where to begin, Mahoney's first step was to research the fundamentals of inventory best practices.



#### **PAINS & GAINS**

#### Pains

- Little Tommy's Plumbing shop had little to no visibility or controls on parts inventory management.
- Parts storage was a disorganized and ordering was done haphazardly.
- Technicians spent too much time searching for parts and making special trips to supply houses.

#### Gains

- Parts inventory visibility, ordering and reporting have been digitized and automated.
- Technician trucks are properly stocked and trips to supply houses are way down.
- Billable percentages are now at more than 63 percent for Tommy's technicians, and customers are more likely to get their problems fixed on the first visit.

"I started asking around, doing research, and began working with Joe Hodes to help me fix this problem," Mahoney said. "Joe's been studying this problem and delivering solutions to it for years."

Mahoney started with the basics. He had to educate himself and his employees on the costs and implications of bad inventory management and why it needed to be fixed. He needed to give everyone a reason to care.

"Paychecks come from profits, it's that simple," Mahoney said. "When we take care of inventory, we take care of our paychecks."

Mahoney also adopted what Hodes Co. refers to as the five cardinal rules of inventory management:

We're tying up less capital, spending more wisely, and actually making a profit on our parts inventory because we know our margins and what we need to charge. It's made a six-figure difference in our annual revenues.

- Tom Mahoney

- 1. **Establish an approved stock list.** Know your most popular parts and keep them on hand.
- 2. Determine minimums and maximums. Put parameters on quantities to control expenses and ensure in-stock availability.
- 3. **Maintain a clean shop.** Assign and use organized bins with barcodes to create a place for everything and put everything in its place.
- 4. Stock new orders as soon as you get them. New inventory should be stored in the right place immediately.
- 5. Limit access to inventory. Allow only certain employees to remove inventory from your shelves and track it carefully for auditing and analytics.

Following these principles has paid off for Mahoney and his employees. Inventory is no longer a black box to be ignored. It's understood and carefully managed. The shop is cleaner, and parts are easier to stock and find.

Perhaps most importantly, technicians are maintaining billable averages of 63 percent or more.

Mahoney also has better inventory visibility and reporting on his top 500 parts. Order histories, pending orders, and costs are all accessible via Hodes Co.'s online customer portal.



Mahoney said the operational benefits have a ripple effect across his whole business.

"Our technicians can do their jobs better, we're saving money, and our customers have a better overall experience because jobs are completed in a timelier way, with much less back and forth to supply houses," Mahoney said. "Customers don't care about supplies; they just want their problems fixed fast and we're able to do that with smarter inventory management."

Mahoney said the financial benefits are easy to quantify as well.

"We're tying up less capital, spending more wisely, and actually making a profit on our parts inventory because we know our margins and what we need to charge," Mahoney said. "It's made a six-figure difference in our annual revenues."

Joe Hodes is the president of Hodes Co. and consults with plumbing shop owners across the country on inventory management and optimization. You can reach him by email at Joe@HodesCo.com or by phone at 816.914.5858.





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GUARANTEE—						Contains 4 - 8oz bags pe	r 2 lb oc	n			
ust be satisfied.	Item #	Description	Pkg Qtv	Price 1	Price 2	Contains 4 - ouz bays pe		all.			
						SOLD IN					/
SOLD IN QUANTITIES OF	80-140	STRIP in Quarts	12	20.40	17.95	QUANTITIES OF	Item #	Description	Pkg Qty	Price 1	Price 2
12 ONE QUART CONTAINERS ONLY.	80-295	Closet Bowl Swabs	5	2.56	2.25	12 TWO POUND CONTAINERS ONLY.	80-155	2 Lb. Container	12	31.76	27.95
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Grease Traps	Drains & Mains	Septic Tanks	Porta-Toilets
RV Toilet Tanks	Marine Toilet Tanks	Cesspools	Drains Fields
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LIQUID ALIVE is a suspension treatment consisting of specially developed bacteria, aerobic, anaerobic, and facultative in nature. The bacteria are harmless to animal and marine life and are non-pathogenic. They eliminate the foul odors and gases it produces. LIQUID ALIVE not only masks odors, it eliminates their causes. LIQUID ALIVE cannot rest in the presence of organic waste materials; it must process them. Once their job is done they immediately concentrate on building their colony population up to full strength. As soon as new waste comes into their presence they swing into action. Anywhere in your plumbing system (elbows, bends, joints and traps) where solid waste can accumulate LIQUID ALIVE can build a colony and eliminate the cause of sluggish drains and odor. LIQUID ALIVE can be sprayed on flat surfaces to eliminate organic odor in carpets, from urine, vomit, waste, etc.-or poured into ponds and lakes to control organic odor-safely.



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#### SOLD IN QUANTITIES OF 12 ONE QUART CONTAINERS ONLY Description Item # Pkg Qtv Price 1 Price 2 80-130 Liquid Alive - One Quart Container 20.40 17.9 80-132 79.49 Liquid Alive - One Gallon





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CHEMICALS Compounds, tools Utility & hvac	CHEMICALS &	COMPOUNDS
ZOOM SPOUT OILER RUST BUSTER PRICED EACH SOLD 12 PER DISPLAY ONLY • For use on all motors,	HAYMAKER DESCALER TANKLESS WATER HEATER DESCALER	BLUE MONSTER MICROBUBBLE
blowers, linkages, appliance pumps, high speed shaft bearings • Flexable spout extends additional 7-1/2" <u>Item # Description Price 1 Price</u> 80-191 Spout Oiler Display 6.81 5.9		Non freezing formula usable from -10°F to 215°F     Effective on natural gas, propane, butane, air, nitrogen,chlorine, CO2 & most other gases     Not for use on oxygen systems <u>Item # Description Price 1 Price 2</u> <u>84-276 8 oz. (1/2 Pint) 10.22 8.99</u> <u>84-277 32 oz. (1 Quart) 17.60 15.49</u>
BLUE MONSTER DRAIN BANGER • Professional Strength, One Pound bottle • Sold only in a case quantity	PUTTY	TEFLON PIPE DOPE
Devours hair, grease, soap and oils that slow and plug drain lines in less than 60 seconds     Hot water activated, odorless <u>Item # Description Pkg Qty Price 1 Price</u> <b>80-823</b> 1 lb. Containers 24 11.35 9.9 <b>80-103</b> 2 lb. Containers 12 21.58 18.9	9 82-151 14 oz. 2.26 1.99	Brush in top     Heavy duty premium grade-white     24 PER CASE     Item # Description Price 1 Price 2     82-104 1/2 Pint (8 oz.) 16.69 14.69
SOLDER PASTE SELF-CLEANING	<ul> <li>Easy grip screw-off lid</li> <li>Food grade approved</li> <li>USDA accepted AA</li> <li>Top quality heat proof stem lubricant specially designed</li> </ul>	CUTTING OIL 1 GALLON CONTAINER PREMIUM
Easy to use. Removes oxidation and prepares metal for proper bond of solder. Needs no preparation. Makes solder flow freely and tin perfectly. Screw top jar. <u>Item # Description Price 1 Price</u> 82-144 8 oz. 14.72 12.9	2     Item #     Description     Price 1     Price 2	To lubricate pipe cutting dies     Dark color use on iron     Stainless 4 PER CASE <u>Item # Description Price 1 Price 2     <b>82-125</b> 1 Gallon Cutting Oil 40.33 35.49 </u>
(NO. 9 LEAD FREE TINNING FLUX	5) Oatey WATER SOLUBLE FLUX	Oatey #5 PASTE FLUX 100% LEAD FREE
<ul> <li>Silver solder added</li> <li>Does not turn copper green</li> <li>Cleans, tins &amp; fluxes in one step</li> <li><u>Item # Description Price 1 Price</u></li> <li>82-750 1.7 oz. Tinning Flux 4.53 3.9</li> <li>82-751 8 oz. Tinning Flux 15.33 13.4</li> <li>82-752 16 oz. Tinning Flux 21.81 19.1</li> </ul>	9         • Meets ASTM D-13           9         Item #         Description         Price 1         Price 2	<ul> <li>NSF isted</li> <li>100% lead free</li> <li>Cleans and fluxes at the same time</li> <li>Blended to clean surface oxidation</li> <li>Effective on all metals except aluminum and stainless steel</li> </ul> Item # Description Price 1 Price 2 82-748 8 oz. #5 Paste Flux 7.60 6.69 82-749 1 lb. #5 Paste Flux 11.81 10.39
Phone: 1-800-777-65 210 Fax: 1-800-982-593 Wab: www.HodesCo.	4 HODESCO	Price 1 Price 2 Less Than \$500 Order \$500 or More

COMPOUNDS CHEMICALS COMPOUNDS, TOOL UTILITY & HVAC				
DAUBER	MEGALOC <sup>TM</sup> THREAD SEALANT INFREAD SEALANT	NOKORODE solder paste		
Item #         Description         Price 1         Price 2           80-294         1-1/2" up to 3" Pipe Diameter         .85         .75	Lead free     No odor     Non-separating and non-hazardous     For use with all metals and plastics     Never hardens, cracks or becomes brittle <u>Item # Description Price 1 Price 2     84-360 8 oz. (1/2 Pint) 13.63 11.99     84-361 16 oz. (1 Pint) 33.28 29.29  </u>	Lead free     No odor     Will not freeze or decompose <u>Item # Description Price 1 Price 2</u> 82-745 1.7 oz. 4.53 3.99     82-744 8 oz. 13.63 11.99     82-746 16 oz. 17.03 14.99		
RECTORSEAL #5 PIPE DOPE LEAK PREVENTER	NOKORODE SOLDER PASTE FOR COLD WEATHER	Oatey 95/5 LEAD FREE wire solder		
• Soft set pipe dope         • For use on broad range of fluids and gases         Item #       Description         Price 1       Price 2         82-098       1/4 Pint (4 oz.)         11.31       9.95         82-105       1/2 Pint (8 oz.)         16.99       14.95         82-099       Pint (16 oz.)         27.22       23.95	Stays soft and sticky in cold weather     Recommended for use on all solder alloys including 95/5 and all lead free solders <u>Item # Description Price 1 Price 2     82-844 8 oz. 14.72 12.95 82-846 16 oz. 19.26 16.95      </u>	<ul> <li>Lead free alloy of 95% tin and 5% antimony.</li> <li>450°F - 464°F melting range.</li> <li>Meets the requirements of the Safe Drinking Water Act.</li> <li>Most commonly used where frequent and extreme temperature changes and vibrations occur.</li> </ul> Item # Description Price 1 Price 2 70-148 4 oz 19.26 16.95		
BLUE MONSTER THREAD SEALANT • ZERO VOC Thread Sealant • Industrial strength, eco-friendly PTFE enriched pipe thread compound with zero VOCs, zero PFOA and zero lead • Do not use on oxygen and chlorine systems	HARRIS 97/3 100% LEAD FREE WIRE SOLDER • 97% tin, 3% copper • 1/8" ribbon • Contains no lead • Meets all Federal specifications	HARRIS STERLING PREMIUM 100% LEAD FREE WIRE SOLDER • 4%-5% Copper, 04%20% Selenium, Remainder Tin • Stronger than 50/50 and 95/5		
Item #         Description         Price 1         Price 2           82-156         Thread Sealant - 4oz (1/4 Pint)         8.97         7.89           82-157         Thread Sealant - 8 oz (1/2 Pint)         13.97         12.29           82-158         Thread Sealant - 16 oz (1 Pint)         22.15         19.49           82-159         Thread Sealant - 32 oz (2 Pint)         42.03         36.99	Performance of 50/50 — outperforms 95/5     Rosseal Solder Flux is an ideal companion     Solder Flux is an ideal companion     Solder Flux is an ideal companion     Description Price 1 Price 2     T0-140 1 lb. 100% Lead Free 37.44 32.95  BLUE MONSTER	More joints per pound than 50/50     Lowest melting temperature, 410°F     Easy flowing     50 rolls per box     Item # Description Price 1 Price 2     70-143     1 lb. 100% Lead Free     45.40     39.95 BLOCK PIPE JOINT SEAL		
<b>THREAD SEALANT</b> • Slow-drying, soft-setting         • Industrial grade thread sealant         • Non hardening pipe thread compound         • Lead free, non-toxic, will not harden or separate in the can         • Brushable from -50F (-45C) to +400F (204C)         • 24 cans per box         Image: the set of	PTFE PIPE THREAD SEALANT • Slow drying, soft-setting • Industrial grade thread sealant • Non-hardening pipe thread compound • Lead free, non-toxic, will not harden or separate in the can • Brushable from -50F (-45C) to +400F (204C) • 24 cans per box	<ul> <li>All purpose high performance pipe joint &amp; gasket sealing compound</li> <li>Leak-proof resistant</li> </ul>		
82-116         Thread Sealant - 2 oz         4.49         3.95           82-113         Thread Sealant - 4 oz         7.90         6.95           82-134         Thread Sealant - 8 oz (1/2 Pint)         12.44         10.95           82-135         Thread Sealant - 16 oz (1 Pint)         19.26         16.95           Price 1         Price 2           Order Less Than \$500         Order \$500 or	HODESCO	Grit free, non-seperating     Non-runny consistency <u>Item # Description Price 1 Price 2</u> <b>84-358</b> 1 Quart Block Pipe Joint Seal 73.81 64.95     Phone: 1-800-777-6500     Fax: 1-800-982-5934 211		

#### CHEMICALS Compounds, tools Utility & hvac

# **CLEANER, PRIMER, CEMENT**

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YELLOW LABEL ALL PURPOSE CLEANER	TAN LABEL CLEAR PRIMER	PURPLE LABEL PURPLE PRIMER
ABS, PVC, CPVC     For all schedules and all diameters     Flows freely and evaporates quickly     Does not penetrate pipe surfaces     Apply at 40°F to 100°F      Item # Description Price 1 Price	<ul> <li>For PVC &amp; CPVC pipe and fittings</li> <li>All schedules, all diameters</li> <li>Removes surface dirt, grease &amp; grime as well as softens the pipe surface for fast solvent weld</li> <li>Exceeds ASTM F-656</li> </ul>	CPVC, PVC     Removes dirt, grease and grime as well as softens pipe surface to allow for fast solvent weld     Evaporates quickly     Apply at 40°F to 100°F
84-208         1/2 Pint (8 oz.)         7.94         6           84-209         Pint (16 oz.)         12.26         10           84-210         Quart (32 oz.)         15.33         13	99         • NSF Listed           99         Item #         Description         Price 1         Price 2           79         84-248         Pint (16 oz.)         11.58         10.19           49         84-249         Quart (32 oz.)         19.31         16.99	Item #         Description         Price 1         Price 2           84-211         1/2 Pint (8 oz.)         9.08         7.99           84-212         Pint (16 oz.)         9.65         8.49           84-251         Quart (32 oz.)         17.94         15.79
	DARK GREEN LABEL ALL WEATHER CEMENT FOR PVC	LIGHT BLUE LABEL RAIN-R-SHINE™ CEMENT FOR PVC
<ul> <li>Clear</li> <li>Recommended for PVC up to 4" &amp; for Sch. 80 up to 2"</li> <li>Exceeds ASTM D-2564</li> <li>Apply at 40°F to 100°F</li> <li>NSF &amp; UPC Listed</li> <li>Item # Description Price 1 Price 1</li> <li>84-217 1/4 Pint (4 oz.)</li> <li>5.67 4</li> <li>84-203 Pint (16 oz.)</li> <li>10.56 9</li> <li>84-204 Quart (32 oz.)</li> <li>17.60 15</li> </ul>	<ul> <li>Medium bodied-fast set</li> <li>For PVC pipe &amp; fittings up to 6" For Sch. 40 &amp; Sch. 80 potable water pressure pipe, gas, conduit, drain waste &amp; vent pipes</li> <li>Apply at 10°F to 100°F</li> <li>Exceeds ASTM D-2564</li> <li>NSF Listed</li> </ul>	<ul> <li>Blue</li> <li>For PVC pipe and fittings up to 6"</li> <li>For Sch. 40 &amp; Sch. 80 potable water pressure pipe, irrigation, gas, conduit, drain waste &amp; vent pipe</li> <li>Apply at 40°F to 100°F</li> <li>Exceeds ASTM D-2564</li> <li>NSF &amp; UPC Listed</li> </ul>
84-217         1/4 Pint (4 oz.)         5.67         4           84-203         Pint (16 oz.)         10.56         9           84-204         Quart (32 oz.)         17.60         15	99         Item #         Description         Price 1         Price 2           29         84-218         Pint (16 oz.)         17.94         15.79	Item #         Description         Price 1         Price 2           84-232         1/2 Pint (8 oz.)         10.22         8.99           84-233         Pint (16 oz.)         17.60         15.49
GREEN LABEL HEAVY-DUTY PVC CEMENT • Clear	LIGHT GREEN LABEL ABS TO PVC TRANSITION CEMENT	RED LABEL ALL PURPOSE CEMENT
<ul> <li>Exceeds ASTM D-2564</li> <li>Apply at 40°F to 100°F</li> <li>NSF &amp; UPC Listed</li> <li>For PVC pipe &amp; fittings up to 12" in diameter</li> <li>For Sch. 40 &amp; Sch. 80 potable water pressure pipe, g conduit, drain waste &amp; vent pipes</li> </ul>	for use in joining ABS to PVC in	<ul> <li>For ABS, PVC and CPVC</li> <li>Apply at 40°F to 100°F</li> <li>Exceeds ASTM D-2564, D-2846, D-2235, F-493 standards</li> <li>1/4 Pint (4 oz.) &amp; 1/2 Pint (8 oz.) up to 6" pipe</li> <li>Pint (16 oz.) &amp; Quart (32 oz.) up to 12" pipe</li> </ul>
84-259         1/2 Pint (8 oz.)         11.35         9           84-213         Pint (16 oz.)         14.76         12	99       • All schedules up to 6° diameter pipe and fittings         99       • Apply at 40°F to 100°F         99       Item #       Description         Price 1       Price 2	Item #         Description         Price 1         Price 2           84-215         1/4 Pint (4 oz.)         7.03         6.19           84-200         1/2 Pint (8 oz.)         11.35         9.99           84-201         Pint (16 oz.)         22.38         19.69
84-214     Quart (32 oz.)     30.67     26       YELLOW LABEL     CPVC CEMENT     Image: CPVC CEMENT	99         84-265         Pint (16 oz.)         18.51         16.29           BLUE LABEL ABS CEMENT         Image: Comparison of the second	84-245         Quart (32 oz.)         31.47         27.69           BLUE MONSTER         Image: Constraint of the second
<ul> <li>NSF listed</li> <li>One step — no primer required</li> <li>Faster cure time</li> <li>Reduced installation time</li> <li>Exceeds environmental requirements</li> </ul>	<ul> <li>Black</li> <li>For ABS pipe and fittings up to 6"</li> <li>For all non-pressure applications</li> <li>Exceeds ASTM D-2235</li> <li>Apply at 40°F to 90°F</li> <li>NSF &amp; UPC Listed</li> <li>All types and grades of ABS pipe and fittings for DWV</li> </ul>	BLUE MONSTER WEATHERPROOF CEMENT FOR PVC Blue Monster 1-step weatherproof PVC cement clear Self priming, requires no additional priming 1 step joining process simplifies installations Use on all classes of rigid and flexible PVC pressure pipe Medium body Low VOC
84-261 1/2 Pint (8 oz.) 14.19 12	99         84-205         1/2 Pint (8 oz.)         9.08         7.99           49         84-206         Pint (16 oz.)         14.53         12.79	Item #         Description         Price 1         Price 2           84-278         Pint (16 oz.)         17.60         15.49           84-279         Quart (32 oz.)         31.81         27.99
212 Phone: 1-800-777- Fax: 1-800-982-5 Wab: www.HodesC	34 HODESCO	Price 1 Price 2 r Less Than \$500 Order \$500 or More

OUNDS	CHEMICALS COMPOUNDS, TOOLS UTILITY & HVAC
BLUE MONSTER       HEAVY DUTY CITRUS SCRUBBING TOWELS         • 75 pre-moistened 10" x 12" towels       • 75 pre-moistened 10" x 12" towels         • 175 pre-moistened 10" x 12" towels       • Price 1 Price 2	FINE CANDLE WICKING Item # Description Price 1 Price 2
82-115 10" x 12" Towels 22.72 19.99	25-101         Candle Wicking         4.49         3.95           WOOD HANDLE LARGE
ACID & DOPE BRUSH 3/8" BRUSH	ACID & DOPE BRUSH 3/4" BRUSH
Priced per each     SOLD IN BOX QTY ONLY     Item # Description Pkg Qty Price 1 Price 2     80-290 3/8" Brush 12 .28 .25     80-291 3/8" Pruch 144 23 20	Priced per each <u>SOLD 12 PER PACKAGE ONLY</u> <u>Item # Description Price 1 Price 2</u> <b>80-292</b> Acid & Dope Brush 1.13 .99
TUB & TILE ADHESIVE CAULK         GUARANTEED MILDEW PROOF         HERCULES         For sealing around tubs, showers, sinks and all bathroom         fixtures. Resets tile, fills cracks and joints. Seals around         windows and doors and in places where a smooth,         watertight, mildewproof seal is required. Stays flexible.	COTTON SWABS FOR CLOSET BOWLS
Free of cracks and mildew. Cleans up with soap and water.	For urinals and toilet bowls     Plastic handle     SOLD 5 PER PACKAGE ONLY     Item # Description Price 1 Price 2     80-295 Closet Bowl Swabs 2.56 2.25
Ideal for use on: hardwood, soft wood, masonry, aluminum, ceramic tile, plastic foam, fiberglass, cork, cork tile, glass, metal cement, plastic laminate. Keep out of reach of children. Not for internal consumption. Product may be toxic to tropical fish. Item # Description Price 1 Price 2 Squeeze Tubes 80-510 5.5 oz. White Tube 6.76 5.95 80-511 5.5 oz. Almond Tube 6.76 5.95 80-512 5.5 oz. Translucent Tube 7.90 6.95 Cartridge 80-516 10 oz. Almond Cartridge 10.17 8.95 80-517 10 oz. Translucent Cartridge 11.31 9.95	FIRESTOP CAULK HERCULES FIRESTOP CAULK FIRESTOP FOR USE AND
	BLUE MONSTER       HEAVY DUTY CITRUS SCRUBBING TOWELS



## WRENCHES





	CHEMICALS Compounds, tools	тос	LS
	UTILITY & HVAC		_
	CLASSIC DRAIN WRENCH TIGHTENS MOST FIBERGLASS SHOWER STALL DRAIN LOCKNUTS AND DIE CAST BASKET STRAINER LOCKNUTS.	<u>THE</u> SINK DRAIN WRENCH™	BASKET STRAINER INSTALLATION WRENCH
	<ul> <li>13" overall length</li> <li>Cushion grip</li> <li>Solid steel construction</li> <li>Fits 3-1/2" plastic locknuts</li> <li>Fits 3-3/8" die cast basket strainer locknuts</li> <li>Fits brass locknuts on Casper's<sup>®</sup>, brass shower stall drains</li> <li>Offset handle for close quarter work</li> </ul>	<ul> <li>Fits kitchen, bath and laundry tub basket strainers, "P" traps, wing nuts and tub drains</li> <li>Lifetime Guarantee</li> </ul>	
	Item #         Description         Price 1         Price 2           90-428         Drain Wrench         28.35         24.95	Item #         Description         Price 1         Price 2           90-851         The Sink Drain Wrench™         15.85         13.95	Item #         Description         Price 1         Price 2           90-448         Wrench         5.40         4.75
	RADIATOR SPUD WRENCH	FOUR WAY VALVE STEM KEY	DRAIN KEY
TOOLS		For stopcocks, sillcocks and valves, used when handles have been removed. Fits 1/4", 9/32", 5/16" and 11/32" square stems. High quality steel, case hardened and zinc plated.	
	Item #         Description         Price 1         Price 2           90-321         Radiator Spud Wrench         14.72         12.95	Item #         Description         Price 1         Price 2           90-334         4 Way Key         3.35         2.95	Item #         Description         Price 1         Price 2           90-313         Drain Key         37.22         32.75
	SEAT GAUGE BOARD	PLUMBERS PAL BASKET STRAINER WRENCH	FAUCET SEAT REMOVAL TOOL HEAVY GRADE HARDENED STEEL
	<ul> <li>4" x 6" size</li> <li>Aluminum</li> <li>20 different seat gauges</li> </ul>	<ul> <li>Fits all major manufacturers, plastic &amp; brass</li> <li>Fits hex nuts and all 4, 6 and 8 tab locking</li> </ul>	<ul> <li>Hardened steel with a black oxide finish</li> <li>Left hand threads for easy and quick removal, even for</li> </ul>
	• 4 different screw gauges       Item #     Description     Price 1     Price 2       90-402     Seat Gauge     44.03     38.75	nuts on strainer drainsItem #DescriptionPrice 1Price 290-473Basket Strainer Wrench37.2232.75	stripped out faucet seats       Item #     Description     Price 1     Price 2       90-412     Heavy Grade Hardened Steel     5.63     4.95
	FOUR PIECE FAUCET SEAT TOOL SET	FAUCET SEAT REMOVAL TOOL TAPERED	FAUCET SEAT REMOVAL TOOL SIX STEP
	Item #         Description         Price 1         Price 2           90-403         4 Pc. Faucet Seat Tool         14.72         12.95	TAPERED TO FIT SQUARE, HEX, OR OCTAGONItem #DescriptionPrice 1Price 290-404Faucet Seat Tool3.352.95	STEPPED TO FIT SQUARE & HEX—SIX STEP           Item #         Description         Price 1         Price 2           90-405         Faucet Seat Tool         3.35         2.95
	216 Phone: 1-800-777-650 Fax: 1-800-982-5934 Wab: www.HodesCo.es	HODESCO	Price 1 Price 2 Less Than \$500 Order \$500 or More











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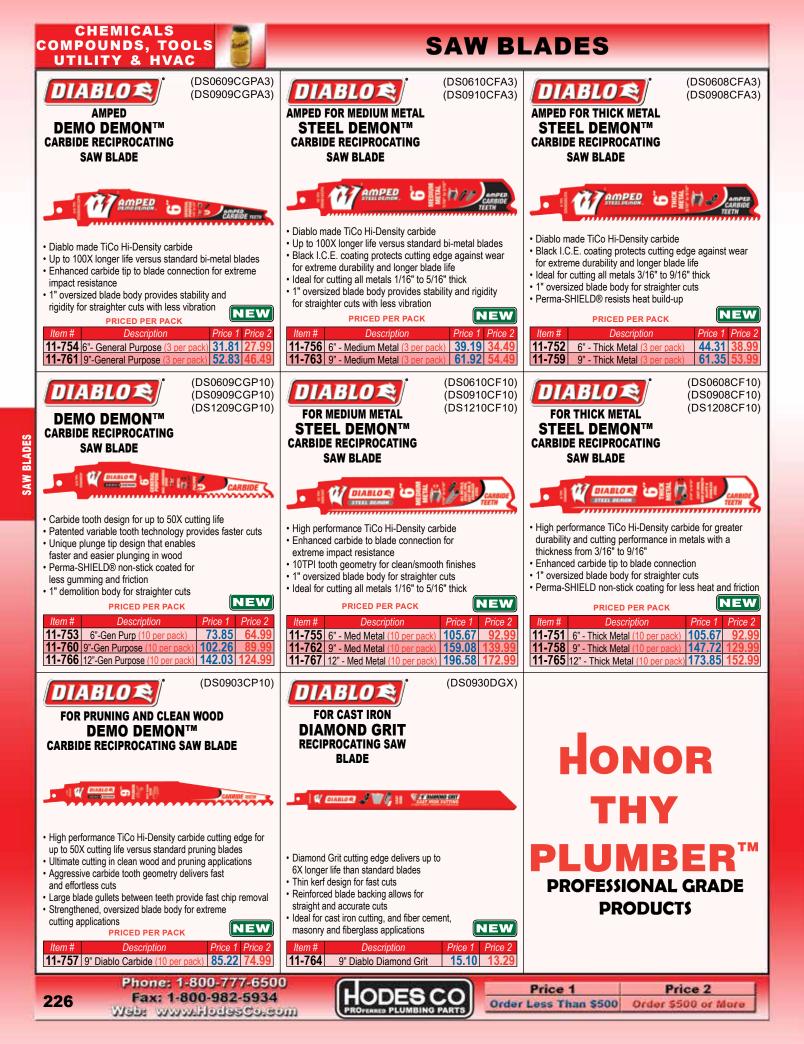


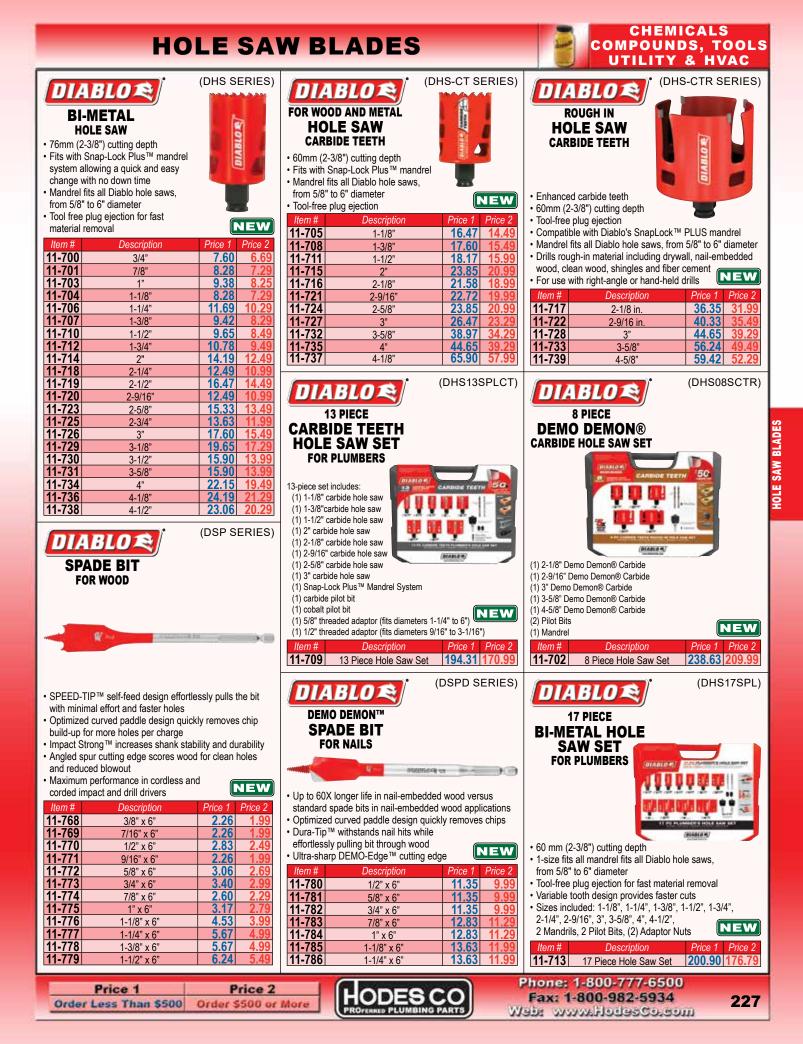
Fax: 1-800-982-5934 Webs www.HodesCo.com

# **SAW BLADES**



LENOX HACKMASTER R <sup>®</sup> REPLACEMENT SAW BLADES	LENOX HACKMASTER R <sup>®</sup> REPLACEMENT SAW BLADES
PRICED PER PACK	
Item #         Ref No.         Size         Use         Price 1         Price 2           92-167         (456R)         4" x 6T         Wood\Plaster (5 per pack)         20.33         17.89           92-164         (966R)         9" x 6T         Wood Demo (5 per pack)         26.81         23.59           92-161         (106R)         12" x 6T         Wood Demo (5 per pack)         43.17         37.99	PRICED PER PACK           Item #         Ref No.         Size         Use         Price 1         Price 2           92-108         (610R)         6" x 10T         Wood\Metal\Plastic (5 per pack)         15.44         13.59           92-114         (810R)         8" x 10T         Wood\Metal\Plastic (5 per pack)         26.13         22.99
LENOX HACKMASTER R <sup>®</sup> REPLACEMENT SAW BLADES	LENOX HACKMASTER R <sup>®</sup> REPLACEMENT SAW BLADES
PRICED PER PACK  Item # Ref No. Size Use Price 1 Price 2	- SIII COX
92-113         (656R)         6" x 6T         Nail Embedded Wood (5 per pack)         15.90         13.99           92-115         (956R)         9" x 6T         Nail Embedded Wood (5 per pack)         23.63         20.79           92-116         (156R)         12" x 6T         Nail Embedded Wood (5 per pack)         38.63         33.99	PRICED PER PACK           Item #         Ref No.         Size         Use         Price 1         Price 2           92-111         (624R)         6" x 24T         For Thin Metal (5 per pack)         13.40         11.79
HACKMASTER R® REPLACEMENT SAW BLADES	HACKMASTER R® REPLACEMENT SAW BLADES
Item #         Ref No.         Size         Use         Price 1         Price 2           92-110         (618R)         6" x 18T         For Medium Metal (5 per pack)         13.40         11.79           92-119         (818R)         8" x 18T         For Medium Metal (5 per pack)         17.03         14.99           92-160         (118R)         12" x 18T         Metal (5 per pack)         37.26         32.79	PRICED PER PACK           Item #         Ref No.         Size         Use         Price 1         Price 2           92-166         (960R)         9" x 10T         Metal Demo (5 per pack)         27.94         24.59           92-109         (614R)         6" x 14T         For Thick Metal (5 per pack)         13.40         11.79           92-163         (9514R)         9" x 14T         Metal Demo - Heavy Duty (2 per pack)         12.49         10.99
LENOX HACKMASTER R® REPLACEMENT SAW BLADES	LENOX HACKMASTER R <sup>®</sup> REPLACEMENT SAW BLADES
PRICED PER PACK	
Item #         Ref No.         Size         Use         Price 1         Price 2           92-170         (650R)         6" x 10/14T         Metal - GP - Heavy Duty (5 per pack)         27.83         24.49           92-118         (110R)         12" x 10/14T         General Purpose (5 per pack)         32.49         28.59	PRICED PER PACK           Item #         Ref No.         Size         Use         Price 1         Price 2           92-169         (800R)         8" x GRIT         Carbide Grit - Multi-Use (2 per pack)         18.63         16.39
TINY TIM HACKSAW CUTS WOOD, PLASTER, STEEL, BRASS, ETC.	LENOX HACKSAW BLADES
• Vinyl grip handle	PRICED PER PACK Item # Description Price 1 Price 2
Item #         Description         Price 1         Price 2           Hacksaw with 1/4" x 6" x 32"         Hacksaw with 1/4" x 6" x 32"         Item #         Description           90-142         Tooth Blade         5.63         4.95         90-154         Close Quart           90-143         6" Blade With Removal Pin         1.08         .95         90-161         Replacement Blade	Ition         Price 1         Price 2           er Saw         16.81         14.79           92-123         (10 per pack)         21.13           12" x 18T - (1218R)           92-120         (20 per pack)           21.13         18.59
Price 1 Price 2 Order Less Than \$500 Order \$500 or More PROFEMEND PL	







# PLUGS

# CHEMICALS Compounds, tools Utility & hvac

FLUSH	ECONO TEST PLUG		Cierry 6	TEST TIT		(882-1) (882-2)
CLEANOUT BUSHING			Sioux Chief • 100% corrosion			(882-3) (882-35)
WITH PLUG		T	4 piece simple     Top plate, wing	design		(882-4)
	Galvanized bolt & wing nut     Galvanized steel flanges with		plate/bolt made	of nylon 66		
	molded rubber gaskets		Leak free seal a	at 7 times the		
	Item # Description Pl	0 PER BOX rice 1 Price 2	PSI of ordinary <pre>Item #</pre>	Description		Price 2
Fits inside Schedule 40 PVC Pipe     Item # Description Price 1 Price 2	<b>90-566</b> 1-1/2" <b>90-567</b> 2"	2.261.993.172.79	70-930 70-931	<u>1-1/2 "</u> 2 "	3.97 4.88	3.49 4.29
70-367 2" Cleanout Bushing w/Plug 5.10 4.49	<b>90-568</b> 3"	4.53 3.99	70-932	3 "	5.67	4.99
70-368         3" Cleanout Bushing W/Plug         6.58         5.79           70-369         4" Cleanout Bushing w/Plug         7.94         6.99	90-569 4" 90-588 5" 1	4.884.293.6311.99	70-934 70-933	<u>3-1/2 "</u> 4 "	6.81 7.15	5.99 6.29
REAL-TITE <sup>®</sup>	REAL-TITE <sup>®</sup>	0.00 11.00	REAL-TIT		1.10	0.23
PLUG	EXPANSION		PLUG	-	-	
	SLEEVE				-	
			<ul> <li>12 GA stainless</li> <li>Hard ABS Plast</li> </ul>			
			Neoprene gask		are nut	
Item # Description Price 1 Price 2			Item #	Description	Price 1	Price 2
70-325         1-1/2"         16.99         14.95           70-327         2"         17.61         15.50	Fits over Real-tite <sup>®</sup> plug to		70-015 70-016	<u>1-1/2"</u> 2 "		34.95 36.95
<b>70-329</b> 2-1/2 " <b>22.67 19.95</b>	seal irregular sized openings		70-017	2-1/2 "	45.40	39.95
70-330         3"         25.57         22.50           70-331         3-1/2 "         26.08         22.95		rice 1 Price 2 7.33 15.25	70-018 70-019	3" 3-1/2 "		44.95 48.95
70-332         4"         27.22         23.95		7.33 15.25	70-020	4 "		49.95
TEST-TITE	T-CONE		T-CON			
MECHANICAL CLEANOUT	EXPANDABLE 🥣		EXPAND	ARIE		
REPAIR PLUG			DWV PL			
	CLEAN OUT PLUG FOR IPS			.UG 📈		
	CLEAN OUT PLUG FOR IPS		DWV PL FOR SCHED	.UG 📈		
	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable		<b>DWV PL</b> FOR SCHED	.UG JLE 40		
	CLEAN OUT PLUG FOR IPS    · Raised head  · Reuseable  · For IPS thread	rice 1 Price 2	• Raised head • Reuseable • For schedule 40		Price 1	Price 2
REPAIR PLUG	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread Item # Description P 70-290 1-1/2"	rice 1 Price 2 6.53 5.75	• Raised head • Reuseable • For schedule 40 //tem # 70-297	UG JLE 40 Description 1-1/4"	4.49	Price 2 3.95
REPAIR PLUG         Item #       Description       Price 1       Price 2	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread <u>Item # Description P</u> 70-290 1-1/2" 70-291 2"	6.535.756.765.95	<b>DWV PL</b> FOR SCHED         • Raised head         • Reuseable         • For schedule 40         Item #         70-297         70-289	UG JLE 40 Description 1-1/4" 1-1/2"	4.49 6.76	3.95 5.95
REPAIR PLUG           Item # Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95	CLEAN OUT PLUG FOR IPS           • Raised head           • Reuseable           • For IPS thread           Item #         Description         P           70-290         1-1/2"           70-291         2"           70-292         3"         1           70-293         3-1/2"         1	6.535.756.765.950.178.952.4410.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1tem #           70-297           70-289           70-288           70-287	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 "	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
REPAIR PLUG           Item # Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95         13.915         70-591         3-1/2" Mech C/O Plug         15.85         13.95         70-592         4" Mech C/O Plug         18.13         15.95	CLEAN OUT PLUG FOR IPS           • Raised head           • Reuseable           • For IPS thread           Item #         Description         P           70-290         1-1/2"           70-291         2"           70-292         3"         1           70-293         3-1/2"         1	6.535.756.765.950.178.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           Item #           70-297           70-289           70-288	UG JLE 40 Description 1-1/4" 1-1/2" 2 "	4.49 6.76 6.76	3.95 5.95 5.95
Item #         Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95           70-592         4" Mech C/O Plug         18.13         15.95           CLEAN-OUT         (270168)         (270178)	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread	6.535.756.765.950.178.952.4410.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1000000000000000000000000000000000000	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 "	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
Item #         Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95           70-592         4" Mech C/O Plug         18.13         15.95           CLEAN-OUT         (270168)         (270178)         (270138)	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread <u>Item # Description P</u> 70-290 1-1/2" 70-291 2" 70-292 3" 1 70-293 3-1/2" 1 70-294 4" 1	6.535.756.765.950.178.952.4410.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1000000000000000000000000000000000000	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 " 4"	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
REPAIR PLUG           Item # Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95         13.95	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread <u>Item # Description P</u> 70-290 1-1/2" 70-291 2" 70-292 3" 1 70-293 3-1/2" 1 70-294 4" 1 EXPANDABLE DOLLAR PLUG The design of the "Gripper"™ uses the mechanical advantage of the inclined	6.53       5.75         6.76       5.95         0.17       8.95         2.44       10.95         4.72       12.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1000000000000000000000000000000000000	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 " 4"	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
Item #         Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95           70-592         4" Mech C/O Plug         15.85         13.95           CLEAN-OUT         (270168)         (270178)         (270138)           PLUG         (270188)         (270188)         (270188)	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread 1 tem # Description P 70-290 1-1/2" 70-291 2" 70-292 3" 1 70-293 3-1/2" 1 70-294 4" 1 EXPANDABLE DOLLAR PLUG The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1000000000000000000000000000000000000	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 " 4"	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
Item #         Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95           70-592         4" Mech C/O Plug         18.13         15.95           CLEAN-OUT GRIPPER PLUG         (270168) (270178) (270188)           OUT COLSPANSION	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread • For IPS thr	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95 pressure is wing nut, the ong the inclined NACTUALLY	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           1000000000000000000000000000000000000	UG JLE 40 Description 1-1/4" 1-1/2" 2 " 3 " 4"	4.49 6.76 6.76 9.03	3.95 5.95 5.95 7.95
Item #         Description         Price 1         Price 2           70-590         3" Mech C/O Plug         12.44         10.95           70-591         3-1/2" Mech C/O Plug         15.85         13.95           70-592         4" Mech C/O Plug         18.13         15.95           CLEAN-OUT GRIPPER PLUG         (270168) (270178) (270138) (270188)           V PER BOX           • For use in cast iron and plastic test tees           • For use in cast iron and plastic test tees         • Replace brass plug even when threads are damaged	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread 112" 70-290 1-1/2" 70-291 2" 70-292 3" 1 70-293 3-1/2" 1 70-294 4" 1 EXPANDABLE DOLLAR PLUG The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAT FEEL THE SMOOTH, EASY MOVEMENT 1 1 1 1 1 1 1 1 1 1 1 1 1	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95	DWV PL FOR SCHED           • Raised head           • Reuseable           • For schedule 40           Item #           70-297           70-289           70-287           70-295           INSET T	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG	4.49 6.76 9.03 12.44	3.95 5.95 5.95 7.95
REPAIR PLUG         Image: Colspan="2">Image: Colspan="2"	CLEAN OUT PLUG FOR IPS • Raised head • Reuseable • For IPS thread 100-290 1-1/2" 70-291 2" 70-292 3" 70-292 3" 100-293 3-1/2" 70-294 4" EXPANDABLE DOLLAR PLUG The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAN FEEL THE SMOOTH, EASY MOVEMENT T 100-2955 1-1/2 "	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95	DWV PL FOR SCHED     Raised head     Reuseable     For schedule 44     Item #     70-297     70-289     70-288     70-287     70-287     70-295     INSET T      • Designed for Al     Hinged knockou	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG SS or PVC Sch 40 uts prevent center	4.49 6.76 9.03 12.44	3.95 5.95 5.95 7.95 10.95
REPAIR PLUG         Item # Description       Price 1       Price 2         70-590       3" Mech C/O Plug       12.44       10.95         70-591       3-1/2" Mech C/O Plug       15.85       13.95         70-592       4" Mech C/O Plug       18.13       15.95         CLEAN-OUT GRIPPER PLUG       (270168) (270178) (270188)         V PER BOX         • For use in cast iron and plastic test tees         • For use in cast iron and plastic test tees       • Replace brass plug even when threads are damaged         Item # Description         Price 1         90-590       2"         14.42       12.69         90-591       3"	CLEAN OUT PLUG FOR IPS         • Raised head         • Reuseable         • For IPS thread         Item # Description         70-290         1-1/2"         70-291         2"         70-292         3"         1         70-293         3-1/2"         1         70-294         4"         EXPANDABLE DOLLAR PLUG         The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAI FEEL THE SMOOTH, EASY MOVEMENT To Item # Description P         90-555       1-1/2 "         90-555       2 "         90-557       3 "	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95	DWV PL FOR SCHEDU • Raised head • Reuseable • For schedule 44 1tem # 70-297 70-289 70-288 70-287 70-287 70-295 INSET T • Designed for Al • Hinged knockou • White high impa • Made in USA	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG SS or PVC Sch 40 ats prevent center act plastic	4.49 6.76 9.03 12.44	3.95 5.95 5.95 7.95 10.95
REPAIR PLUG         Item # Description       Price 1       Price 2         70-590       3" Mech C/O Plug       12.44       10.95         70-591       3-1/2" Mech C/O Plug       15.85       13.95         70-592       4" Mech C/O Plug       18.13       15.95         CLEAN-OUT GRIPPER PLUG       (270168) (270178) (270188)         ***********************************	CLEAN OUT PLUG FOR IPS         • Raised head         • Reuseable         • For IPS thread         Item #       Description         70-290       1-1/2"         70-291       2"         70-292       3"         70-293       3-1/2"         70-294       4"         To-294       4"         The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAI FEEL THE SMOOTH, EASY MOVEMENT TIELT HE SMOOTH,	6.53       5.75         6.76       5.95         0.17       8.95         2.44       10.95         4.72       12.95         Value         pressure is         wing nut, the         ong the inclined         VACTUALLY         CAKING PLACE!         rice 1       Price 2         6.01       5.29         6.81       5.99         9.42       8.29         11.35       9.99	DWV PL FOR SCHED     Raised head     Reuseable     For schedule 44     Item #     70-297     70-289     70-288     70-287     70-295     INSET T      · Designed for Af     Hinged knockou     White high impa     Made in USA     Item #	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG SS or PVC Sch 40 uts prevent center act plastic Description	4.49 6.76 9.03 12.44	3.95 5.95 5.95 10.95
REPAIR PLUG         Image: Colspan="2">Image: Colspan="2" Image: Colspan="2">Image: Colspan="2" Image:	CLEAN OUT PLUG FOR IPS         • Raised head         • Reuseable         • For IPS thread         Item #       Description         70-290       1-1/2"         70-291       2"         70-292       3"         70-293       3-1/2"         70-294       4"         1       To-293         3-1/2"       1         70-294       4"         1       EXPANDABLE DOLLAR PLUG         The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAN FEEL THE SMOOTH, EASY MOVEMENT T         Item #       Description       P         90-555       1-1/2 "       9         90-555       1-1/2 "       9         90-555       4"       1         90-558       4"       1         90-558       4"       1         90-558       6"       3	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95 4.72 12.95	DWV PL FOR SCHED	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG SS or PVC Sch 40 uts prevent center act plastic Description 4"	4.49 6.76 9.03 12.44	3.95 5.95 5.95 7.95 10.95
REPAIR PLUG         Item # Description       Price 1       Price 2         70-590       3" Mech C/O Plug       12.44       10.95         70-591       3-1/2" Mech C/O Plug       15.85       13.95         70-592       4" Mech C/O Plug       18.13       15.95         CLEAN-OUT GRIPPER PLUG       (270168) (270178) (270188)         ***********************************	CLEAN OUT PLUG FOR IPS         • Raised head         • Reuseable         • For IPS thread         Item #       Description         70-290       1-1/2"         70-291       2"         70-292       3"         10-293       3-1/2"         10-294       4"         11       EXPANDABLE DOLLAR PLUG         The design of the "Gripper"™ uses the mechanical advantage of the inclined planes on the end plates and o-ring. When applied to the end plates by tightening the o-ring is effortlessly expanded by moving al surfaces of the plastic end plates. YOU CAI FEEL THE SMOOTH, EASY MOVEMENT T         Item #       Description         90-555       1-1/2 "         90-556       2 "         90-557       3 "         90-558       4 "         90-558       6"	6.53 5.75 6.76 5.95 0.17 8.95 2.44 10.95 4.72 12.95	DWV PL FOR SCHED     Raised head     Reuseable     For schedule 44     Item #     70-297     70-289     70-288     70-287     70-295     INSET T      Designed for Af     Hinged knockor     White high impa     Made in USA     Item #     70-633     Phone: 1-8	Description 1-1/4" 1-1/2" 2 " 3 " 4" EST PLUG SS or PVC Sch 40 Its prevent center act plastic Description 4" 00-777-65 982-593	4.49 6.76 9.03 12.44	3.95 5.95 5.95 10.95



# TOOLS



Sioux Chief

Item #

90-117

90-118

Item #

90-911

90-912

90-913

STOO.

SINGLE STAGE **INFLATABLE** 

TEST PLUG

"<u>Net Swet</u>

REPLACEMENT RUBBERS



(882-ES12)

(882-ES34)

(882-ES46)

Price 2

39.9

Price 2

6.09

8.49

Price 1

45.40

99.94

Price 1

6.92

8.51

9.65

- · 2 tips that allow DWV system to be air or water tested
- · Perfect debris cover that knocks out in one piece
- · Easy to hold stem and a deeper glue surface provides

easier in	istallation than standard plugs		
Item #	Description	Price 1	Price 2
70-416	1-1/2"	.44	.39
70-417	2"	.56	.49
70-418		.67	.59
70-419	4"	.78	.69

Description

3" - 4", 7-1/4" Long

4" - 6", 10-1/4" Long

Description

1/2" Replacement Rubber

3/4" Replacement Rubber

1" Replacement Rubber

#### EXPANDING **DRAIN OPENER**



Connect it to your hose, the rest is automatic safe, & clean. Simply inserts into drain opening. It expands automatically when faucet turns on to form seal. Surge valve sends powerful water pulses through pipe to loosen and clear blockage. Automatically equipped with back flow protection.

Item #	Description	Price 1	Price 2
90-109	Household 1"- 2" lines	19.31	16.99
90-110	Household 1-1/2"- 3" lines	20.44	17.99
90-112	Commercial 3"- 6" lines	45.44	39.99

#### **FLOOD GUARDS**



Standpipe model for floor drains				
Item #	Description	Price 1	Price 2	
90-712	3" Flood Guard	33.52	29.50	
90-713	4" Flood Guard	34.03	29.95	

<u>Net Swet</u>



Price 1 Price 2 Item # Description 90-907 Combo (1/2", 3/4", & 1") 78.98 69.50



#### WHY USE JET SWET?

- · Quick work on all full-port ball & gate valves & fittings
- Solder with water in lines
- · Repair copper pipe
- Repair PVC pipe

230

- · Change MIP or FIP fittings
- · Working pressure up to 60 PSI
- Available in sizes 1/2" thru 4"

- HOLDS SIZES 1/2" TO 2" · Eliminates:
  - Water Syphoning
  - · Main valve seeping water

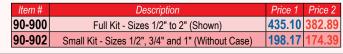
**HEAVY-DUTY** 

**CARRYING CASE AVAILABLE** 

- Bread clogging lines
- Freon to freeze the lines

The replacement for "plumbers bread". Finally the Plumber has a low cost and highly effective way to solve the age old problem of having to wait for the water to drain before he can solder.

The Jet Swet tool eliminates the need to wait for the water to stop draining or siphoning before you can solder copper or glue PVC pipes. The tools insert through a valve or fitting to seal off the water so that they may be replaced, water free. When repairing pinholes in a water line, valves or unions can be installed to keep the water away from the repair. This new technique developed by a working master plumber makes repair and replacement work safe where there is a water siphoning danger. Works on most full port gate and ball valves. Also allows male and female fittings to be replaced or installed. Kit contains up to six sizes with carrying case. 1/2", 3/4", 1", 1-1/4", 1-1/2", 2".



Phone: 1-800-7 Fax: 1-800-98 Webs www.Hode

FLOOD	GUARDS

To prevent basement flooding flood-guard operates like a check valve to seal off water back-up caused by overloaded sewers. Water flows normally through the drain until the sewer begins to back-up. Then the flood-guard float rises to seal off the drain opening until the water recedes.

Item #	Description	Price 1	Price 2
90-714	2" Float Model	22.67	19.95
90-710	3" Float Model	18.13	15.95
90-711	4" Float Model	20.40	17.95

#### URINAL PLUG **EXPANSION TYPE**



· For plugging water lines and stub-outs

Item #	Description	Price 1	Price 2
90-525	1/2" Round x 3/4" High	5.44	4.79
90-526	3/4" Round x 1 1/8" High	5.67	4.99
90-868	1" Round	6.58	5.79
90-869	1-1/4"	7.94	6.99

#### WATER STOPPER HANDLE & CABLE SET

- · Stops the water so you can solder Solder copper lines in seconds · Elbows and valves are no problem · Strong no-pinch handle • New ultra-flex cable design, includes handle and cable • Set includes 1/2", 3/4", and 1" cable plus handle
- Item # Description Price 1 Price 2 90-483 Complete Set & Handle 100.57 88.50
  - **Turn Your** Plumbing Shop into a Supply House Profit Center



FREE CUSTOM DRODUCT AND BIN LADELS Just Send Us Your Logo!

Price 2

er \$500 or More

77-6500	(JODER CO)	Price 1	
2-5934 9500.50m	HODES CO	Order Less Than \$500	Ord
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LIQUILOCK GEL       (314174)         Image: Solidifies water in approximately 4 minutes to help prevent drips and leaks when removing a toilet       Image: Solidifies water in approximately 4 minutes to help prevent drips and leaks when removing a toilet         • Use 1 package for a 1.5-gal. toilet • Non-toxic       • Turn by hand or remove handle and 2 packages for a 3.5-gal. toilet         • Non-toxic       • Turn by hand or remove handle and 2 package for a 1.6-gal. toilet         • Non-toxic       • Durable steel container with comfo toilet repair is complete         Item #       Description         Year Manage       Price 1         Statistic Component       Standard Auger         • Stot       Statuber guard         • 3 foot       • Stot         • Wood handle       • Sping telescoping from guide tube clear stoppage beyond urinal • Origo telescoping from guid	with just a quarter turn table turning sleeve 1/4" or 5/16" cables Price 1 Price 2 te 221.53 194.95 TUBE® (TU4)	a profit center. self parts supply house. w.HodesCo.com for More Details FLEXICORE (3FL) (3FL-DH)
AUGER     AUGER     Gets through urinals where other snakes can't     Gets through urinals     Spring telescoping from guide tube clear stoppage beyond urinal     Compact and durable design include zinc plated steel outer tube, hexage aluminum inner tube, galvanized st rod, rubber bumper to protect bow turning handle, vinyl grip handle an attach spring when not in use.		(3FL-DH)
Item #         Description         Price 1         Price 2           90-655         Auger         20.40         17.95           91-117         Cable Only	es: 1-1/4" nal eel push , aluminum d grip-clip to Price 1 Price 2 51.08 44.95	rotects bowl teel tube, die cast handles g gives tremendous resistance to kinking head slides through bowl, springs around corners against breaking for a full year <u>Description Price 1 Price 2</u> 3' Closet Auger 48.81 42.95 'Auger w/Down Head 62.44 54.95
TELESCOPING FLEXICORE CLOSET AUGERS       (T6FL) (T6FL-DH)         • Telescoping auger clears stoppages beyond bowl       • CABLE         • Telescoping auger clears stoppages beyond bowl       • Cable in handle         • Double spring gives tremendous resistance to kinking       • For hand operation down the waste         • Strat three feet of cable in handle       • Couranteed against breaking for a full year         • Suranteed against breaking for a full year       • For hand operation down the waste         • Suranteed against breaking for a full year       • Each steel cable is wound tightly over slight space between each coil turn to the space between each coil turn	• Heavy-gauge	IE <b>AS</b> DRE® OPE E CABLE

S100.



то	OLS	CHEMICALS Compounds, tools Utility & hvac			
COPPER CLEANING PAD	WET-CUT WATERPROOF CLOTH	DEBURRING TOOL			
SOLD 10 PER PACKAGE ONLY           Item #         Description         Price 1         Price 2           90-537         4" x 6"         .90         .79	<ul> <li>100% resistant to water, cutting oils, grease, chemicals and other solvents</li> <li>Does not need to be "flexed"</li> <li>120 grit grain, "J" weight cloth</li> <li>The best choice for air conditioning parts</li> <li>Item # Description Price 1 Price 2</li> <li>90-572 1-1/2" x 75' Roll 15.56 13.69</li> </ul>	Plastic body     Blade made out of high carbon steel     Includes spare blades stored in body     1 per card <u>Item # Description Price 1 Price 2     90-188 Deburring Tool 9.03 7.95     Replacement Blades     90-288 (Sold 5 Per Only) 3.35 2.95 </u>			
SAND CLOTH	WET - 0 - DRY PERMANENT SAND CLOTH	BLUE MONSTER ALUMINUM OXIDE OPEN MESH ABRASIVE			
	<ul> <li>A permanent sand cloth. You can see through it. Besides being a terrific cleaner for copper tube, it's very effective for cleaning the face of a flush valve seat.</li> <li>PACKAGED IN DISPLAY BOX</li> </ul>	<ul> <li>Premium blended 165 grit white aluminum oxide</li> <li>Cuts and scores surfaces faster for more effective cleaning and deburring</li> <li>21 x 21 Mesh - larger holes prevents "loading" and allows contractors to rinse</li> </ul>			
120 GRAIN SAND — EMERY CLOTH           1 PER BOX - 24 PER CARTON           Item #         Description         Price 1         Price 2           90-560         1-1/2" x 30' Roll (10 yds)         5.67         4.99	Item #         Description         Price 1         Price 2           90-561         1-1/2" x 15' Roll (5 yds)         6.81         5.99           90-565         1-1/2" x 30' Roll (10 yds)         10.22         8.99           90-562         1-1/2" x 75' Roll (25 yds)         20.44         17.99	the mesh clean           Item #         Description         Price 1         Price 2           82-147         Open Mesh 2" x 5 Yard Roll         10.22         8.99           82-136         Open Mesh 2" x 10 Yard Roll         17.03         14.99			
Kansas City Missouri Delivery time Next day					
		💙 🛛 3 days			
Price 1 Price 2 Order Less Than \$500 Order \$500 or	HODESCO	Phone: 1-800-777-6500 Fax: 1-800-982-5934 233 eb: www.HodesCo.com			





Web: www.HodesCo.com





	CHEMICALS Compounds, tools Utility & hvac	GAU	GES
	PIGTAIL STEAM SYPHON	POLY INSULATION FOR ELBOWS	POLY INSULATION FOR TEES
	91-132		
	Item #         Description         Price 1         Price 2           91-130         Straight 180 Degree Steel         5.63         4.95           91-131         Straight 180 Degree Brass         9.94         8.75           91-132         Angle 90 Degree Steel         5.63         4.95           91-133         Angle 90 Degree Brass         9.94         8.75	Item #         Description         Price 1         Price 2           74-824         Poly Insulation For 1/2"         3.35         2.95           74-825         Poly Insulation For 3/4"         4.49         3.95           74-826         Poly Insulation For 1"         5.63         4.95           74-827         Poly Insulation For 1-1/4"         6.76         5.95	Item #         Description         Price 1         Price 2           74-820         Poly Insulation For 1/2"         4.49         3.95           74-821         Poly Insulation For 3/4"         5.63         4.95           74-822         Poly Insulation For 1"         6.76         5.95           74-823         Poly Insulation For 1-1/4"         7.90         6.95
	GAS TEST GAUGE	ONE SIDED FOAM TAPE	WATER TEST GAUGE
GAUGES	• 2" Gauge     • Adapts to 3/4" MPT <u>Item # Description Price 1 Price 2     91-254 0#-15# PSI Rating 13.58 11.95     91-255 0#-30# PSI Rating 13.58 11.95     </u>	• 1/8" Thick x 3/4" Wide x 6'	20 PSi 100 PSi 100
	91-256         0#-60# PSI Rating         13.58         11.95           91-257         0#-100# PSI Rating         13.58         11.95	Replacement cover gasket material for gas-tight and water-tight seals     Item # Description Price 1 Price 2     Control 1     Control 1	Item # Description Price 1 Price 2
	91-258         Body Only with Air Valve         7.90         6.95           PRESSURE	70-127         3/4" x 72"         7.90         6.95           WATER TEST	91-218         2" 0-100 PSI         4.26         3.75           WATER TEST         Image: Comparison of the second secon
	GAUGE         Image: Constraint of the second s	GAUGE	GAUGE 2-1/2" Gauge throttle plug 0-300 PSI dial unbreakable face 3/4" female hose connection Excellent to determine if P/T valve is leaking from failure or if leaking is caused by surge or excessive pressures. (Attach gauge to Boiler Drain Valve overnight.) LAZY hand operates over entire gauge range of 0-300 psi.
	91-200         2" Dia 15# Ga. PSI         6.76         5.95           91-210         2" Dia 60# Ga. PSI         11.31         9.95	<ul> <li>2-1/2" Gauge throttle plug</li> <li>0-300 PSI dial unbreakable face</li> <li>3/4" female hose connection</li> </ul>	Regular pressure hand (shown at zero) pushes LAZY hand (shown at 250 lbs.) to peak operating or surge pressure point where it remains until you manually reset it.
	91-201         2-1/2" Dia 30# Ga. PSI         14.72         12.95           91-203         2-1/2" Dia 100# Ga. PSI         6.76         5.95           91-206         2-1/2" - 300# Ga. PSI         14.72         12.95	• 3/4 temale nose connection           Item #         Description         Price 1         Price 2           91-250         Water Test Gauge         15.85         13.95	Item #         Description         Price 1         Price 2           91-251         Water Test Gauge w/Lazy Hand         18.13         15.95
	Phone: 1-800-777-6500 238 Fax: 1-800-982-5934	HODESCO	Price 1 Price 2 Less Than \$500 Order \$500 or More
1	Wabi www.HodasCo.co	PROFERED PLUMBING PARTS	

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## **TOILET PLUNGERS**

Price 1

Order Less Than \$500

Price 2

Order \$500 or More

UTILITY & HVAC PROGOLD™ BIG YELLA SEALMASTER® **6 INCH FORCE HYDRO-THRUST** CUP PLUNGER **FREE FLO FORCE** CUP YOUR COMPANY HERE Preferred for all types of sinks, bowls and drains hone: (847) 639-7586 Handle included Item # Description Price 1 Price 2 Item # Description Price 1 Price 2 90-101 6.76 5.95 90-102 7.90 6.95 6" Force Cup Plunger Force Cup **SUPER FORCE SOIL PIPE** CUP FORCE CUP Sold individually private labeled with your company logo & phone number in your company colors Item # Description Price 1 Price 2 12.44 10.95 90-702 Adhesive Private Label ProGold<sup>TM</sup> BIG YELLA **Hydro-Thrust Plunger** Preferred for all types of sinks, bowls and drains Handle included Item # Description Price 1 Price 2 Item # Description Price 1 Price 2 90-104 90-107 Super Force Cup Plunger 15.85 13.95 15.34 13.50 Force Cup Plunger korky. kork **BEEHIVE MAX** PLUNGER WITH HOLDER MAXPERFORMANCE Guaranteed to fit all shapes and sizes of toilet bowls · Pro style heavy duty PowerFLEX design · 21" wood handle Price 1 Price 2 Item # Price 1 Price 2 Item # Price 1 Price 2 Item # Description Description Description 90-113 14.72 12.95 90-119 Korky Beehive Max Plunger 21.53 18.95 90-704 Yellow Hydro-Thrust Plunger 11.31 9.95 Korky MaxPerformance

PLUNGERS

239

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COMPOUNDS, TOOLS

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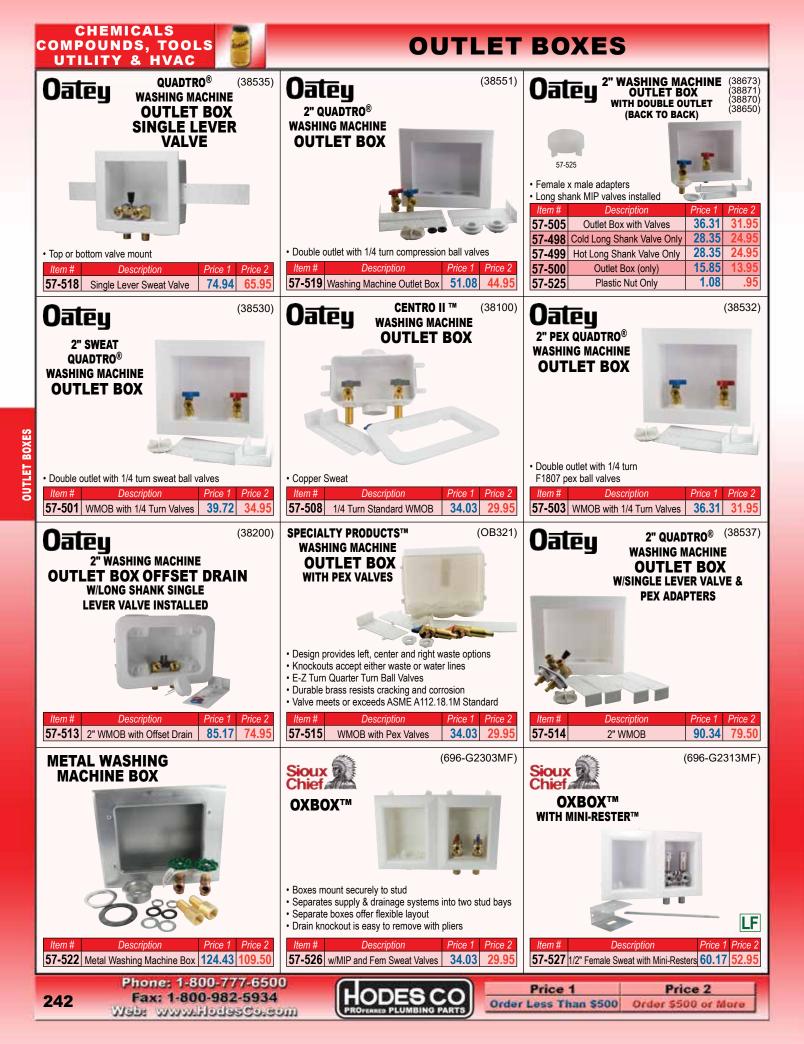
	CHEMICALS Compounds, tools Utility & hvac	DRYER VENT	S AND TAPE
100	ALL WEATHER ELECTRICAL TAPE	BLUE MONSTER	BLUE MONSTER
	ELECTROFLEX	COMPRESSION SEALING TAPE 1" X 12'	GAS GUARD PTFE TAPE 1/2" x 1000"
	For professional use     Temp. range -10 to +170F     600 volt     Excellent memory <u>Item # Description Pkg Qty Price 1 Price 2</u> <b>70-157</b> 3/4" x 60' Vinyl Roll 10 1.99 1.75	1" x 12' Roll     Seal leaks up to 150 PSI (water, air, steam)     Self-fusing layers for a waterproof, long-term seal     Effective to 500°F     Ok to bury     Environmentally safe <u>Item # Description Price 1 Price 2</u> <b>82-139</b> Compression Sealing Tape <b>43.13 37.95</b>	Use on pipe made from galvanized steel, iron, brass, copper, aluminum, SSI, polyethylene, polypropylene, PVC, CPVC, ABS, and fiberglass     Do NOT use Blue Monster Gas Guard Thread Seal Tape on oxygen systems <u>Item # Description Price 1 Price 2</u> <b>82-155</b> PTFE Tape 1/2" x 1000" 10.17 8.95
	TEFLON TAPE       Plastic covered spool         1/2" x 260"       MIL-SPEC T-27730a	TEFLON TAPE       Plastic covered spool         1/2" x 520"       MIL–SPEC T-27730a	BLUE MONSTER THREAD SEAL TAPE
DRYER VENT/TAPE			• Temperature range -450F to +500F (-268C tp +260C)
	High Quality     Thickness: .003"     Density: .35g/cm <sup>3</sup> SOLD 10 PER PACKAGE ONLY     Item # Description Price 1 Price 2	High Quality     Thickness: .003"     Density: .35g/cm <sup>3</sup> SOLD 10 PER PACKAGE ONLY     Item # Description Price 1 Price 2	Seals fittings at pressures up to 10,000 PSI     Professional grade PTFE thread seal tape     Acts as a thread lubricant and anti-seize <u>Item # Description Price 1 Price 2     82-130 1/2" x 1429" Tape 4.49 3.95     82-137 3/4" x 1429" Tape 5.63 4.95     } </u>
	82-107         1/2" x 260" Tape         .44         .39           TEFLON TAPE         Plastic covered spool	82-108         1/2" x 520" Tape         .67         .59           TEFLON TAPE         Plastic covered spool	82-140         1" x 1429" Tape         7.90         6.95           TEFLON TAPE         Plastic covered spool
	3/4" x 260" MIL-SPEC T-27730a	MIL-SPEC T-27730a	<b>1" x 520"</b> MIL-SPEC T-27730a
	<ul> <li>High Quality</li> <li>Thickness: .003"</li> <li>Density: .35g/cm<sup>3</sup></li> <li>SOLD 10 PER PACKAGE ONLY</li> <li>Item # Description Price 1 Price 2</li> <li>82-106 3/4" x 260" Tape .56 .49</li> </ul>	High Quality     Thickness: .003"     Density: .35g/cm <sup>3</sup> SOLD 10 PER PACKAGE ONLY <u>Item # Description Price 1 Price 2</u> <u>82-109 3/4" x 520" Tape 1.01 .89</u> <u>82-110 3/4" x 1296" Tape 2.72 2.39</u>	High Quality     Thickness: .003"     Density: .35g/cm <sup>3</sup> SOLD 10 PER PACKAGE ONLY <u>Item # Description Price 1 Price 2</u> <u>82-112 1" x 520" Tape 1.13 .99</u>
	240 Phone: 1-800-777-650 Fax: 1-800-982-5934 Wab: www.HodesCo.es	HODESCO	Price 1 Price 2 Less Than \$500 Order \$500 or More

# **DRYER VENTS AND TAPE**



DRYER VENT/TAPE

CHEMICALS

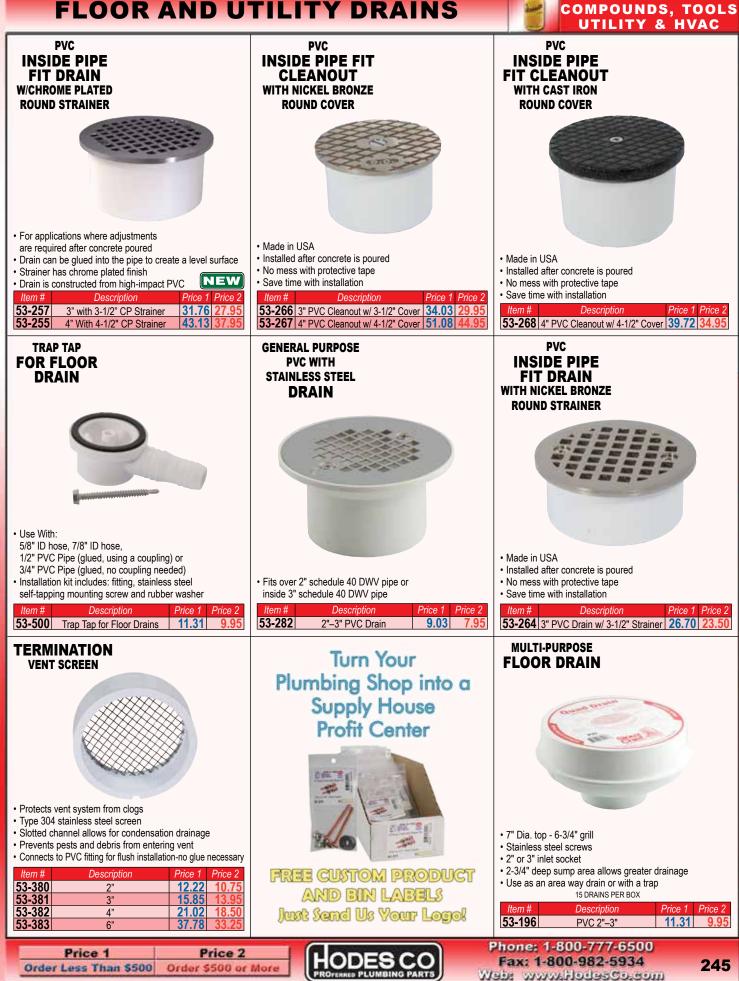




**JTILITY BOXES** 

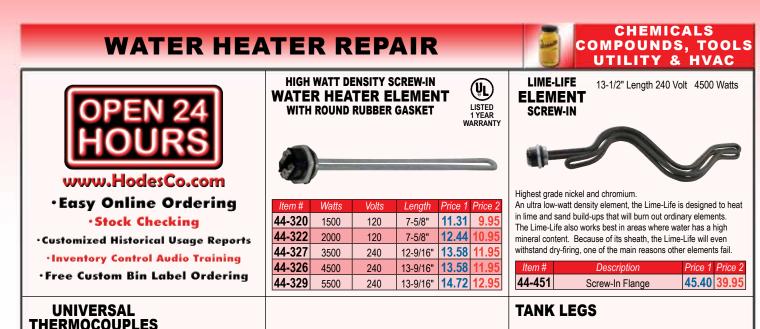


# FLOOR AND UTILITY DRAINS



CHEMICALS

UTILITY & HVAC       CAST IRON       REPLACEMENT       FLOOR DRAIN       COVERS       3-1/4"-6-3/4"	(800-P)
Item #         Description         Price 1         Price 2           55-100         5" O.D. 1/4" Thick         5.67         4.99           55-101         6" O.D. 1/4" Thick         9.08         7.99           55-102         6-1/4" O.D. 1/4" Thick         9.65         8.49           55-103         6-1/2" O.D. 1/4" Thick         10.56         9.29           55-104         6-5/8" O.D. 1/4" Thick         11.35         9.99           55-106         7" O.D. 1/4" Thick         12.49         10.99           55-110         8" O.D. 1/4" Thick         14.76         12.99           55-110         8" O.D. 1/4" Thick         14.76         12.99           55-205         7-1/4" Diameter         28.35         24.95	Price 1         Price 2           22.67         19.95
SEAL DRAIN TRAP SEALER (552009) 2 SEAL DRAIN TRAP SEALER (553000) 3 SEAL DRAIN TRAP SEALER (553000) 3 SEAL DRAIN TRAP SEALER	(553509)
<ul> <li>Stops floor drain odors and bugs</li> <li>Waterless trap protection</li> <li>Great for new construction and retro-fit</li> <li>Item # Description Price 1 Price 2</li> <li>53-232 2" Sure Seal Sealer 79.49 69.95</li> <li>Stops floor drain odors and bugs</li> <li>Stops floor drain odors and bugs</li> <li>Stops floor drain odors and bugs</li> <li>Waterless trap protection</li> <li>Great for new construction and retro-fit</li> <li>Item # Description Price 1 Price 2</li> <li>53-233 3" Sure Seal Sealer 79.49 69.95</li> </ul>	it           Price 1         Price 2           79.49         69.95
SEAL DRAIN (554009) TRAP SEALER	<u>``</u>
<ul> <li>Stops floor drain odors and bugs</li> <li>Waterless trap protection</li> </ul>	elivery time Next day 2 days 3 days
	ce 2



Intermocouples         • Replaces all standard thermocouples in water heaters, central furnaces, RV heaters and many space heaters         Image: the standard stan	HONOR THY PLUMBER™				
44-301         18"         7.67         6.75           44-302         24"         7.90         6.95           44-303         30"         8.81         7.75           44-304         36"         9.03         7.95	PROFESSIONAL GRADE PRODUCTS	Item #         Description         Price 1         Price 2           90-464         Set of 3 Tank Legs         7.90         6.95			
RADIATOR VALVE         Image: State of the state of	MATER HEATER SAF-T-PAN • Virtually indestructible • Comes with 1" drain • Will not rust or corrode • Will withstand temperatures from - 40°F to 250°F • Eliminates water damage from leaking water heaters • Can be hooked up to pass all codes • Can be hook	CABLE TIE			
43-285       Valve Only - Coin Slotted       2.84       2.50         43-287       Key Only - Sold 10 per Only       .85       .75         COMBINATION HIGH LIMIT UPPER THERMOSTAT         Image: Combination High LIMIT UPPER THERMOSTAT <td <="" colspan="3" td=""><td>90-827         22" Aluminum Pan         6         22.67         19.95         90-822         24" Plastic Pan         3         14.72         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95           12.95<!--</td--><td>Item #       Description       Price 1       Price 2         70-964       14" Black Cable Tie       .28       .25         COMBINATION HIGH LIMIT SINGLE ELEMENT THERMOSTAT       Image: Comparison of the compar</td></td></td>	<td>90-827         22" Aluminum Pan         6         22.67         19.95         90-822         24" Plastic Pan         3         14.72         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95           12.95<!--</td--><td>Item #       Description       Price 1       Price 2         70-964       14" Black Cable Tie       .28       .25         COMBINATION HIGH LIMIT SINGLE ELEMENT THERMOSTAT       Image: Comparison of the compar</td></td>			90-827         22" Aluminum Pan         6         22.67         19.95         90-822         24" Plastic Pan         3         14.72         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95         12.95           12.95 </td <td>Item #       Description       Price 1       Price 2         70-964       14" Black Cable Tie       .28       .25         COMBINATION HIGH LIMIT SINGLE ELEMENT THERMOSTAT       Image: Comparison of the compar</td>	Item #       Description       Price 1       Price 2         70-964       14" Black Cable Tie       .28       .25         COMBINATION HIGH LIMIT SINGLE ELEMENT THERMOSTAT       Image: Comparison of the compar
Price 1         Price 2           Order Less Than \$500         Order \$500 or	HODESCO	Phone:         1-800-777-6500           Fax:         1-800-982-5934         247           Stringer         WWWHOdesCo.com         247			

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Price 1 Price 2
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# **CONTACTORS & RELAYS**

# **Definite Purpose Contactors**

- · Designed to control air conditioning, refrigeration and resistance heating loads
- Ranges: 20 to 90 Full Load Amps (FLA)
- Poles: 1-1/2 to 3
- Coil Voltages: 24, 120 & 208/240
- · Universal mounting base allows easy replacement of other manufacturers' devices
- · Molded enclosed, replaceable coil structures
- · Optional field installed auxiliary contacts available

#### 20 - 40 FULL LOAD AMPS / 1.5 & 2 POLES FEATURES

- The coil and each power pole are supplied with two 1/4" quick connect terminals.
- Standard 20 30 FLA contactors feature hex screws with #2 Phillips / slotted heads.
- · Standard 40 FLA contactors include box lugs.

		Full Load	Resistive Amps	LRA Single Phase 50/60 Hz					
Item #	Poles	Amps	Per Pole	240/277V	480V	600V	Coil Voltage	Price 1	Price 2
46-340	1.5	30	40	180	150	120	24/240	11.31	9.95
46-341	2	30	40	180	150	120	24	13.58	11.95
46-342	2	30	40	180	150	120	120	11.31	9.95
46-343	2	40	50	240	200	160	24	13.58	11.95

#### 25 - 40 FULL LOAD AMPS / 3 POLE

- The coil and each power pole are supplied with two 1/4" quick connect terminals.
- · Standard 25 and 30 FLA contactors feature hex screws with #2 Phillips / slotted heads and short covers.
- · Standard 40 FLA contactors include box lugs and long covers.

			Full Load	Resistive Amps	Three Phase 50/60 Hz			Single Phas	se 50/60 Hz			
	ltem #	Poles	Amps	Per Pole	240V HP / LRA	480V HP / LRA	600V HP / LRA	HP@20V	HP@20V	Coil Voltage	Price 1	Price 2
4	6-344	3	30	40	10/180	15/150	15/120	2	5	24	20.40	17.95
4	6-345	3	30	40	10/180	15/150	15/120	2	5	120	20.40	17.95
4	6-346	3	30	40	10/180	15/150	15/120	2	5	208/240	22.67	19.95
4	6-347	3	40	50	10/240	20/200	20/160	3	7.5	24	22.67	19.95
4	6-348	3	40	50	10/240	20/200	20/160	3	7.5	208/240	28.35	24.95

#### **GENERAL PURPOSE** SWITCHING RELAYS **DOUBLE POLE - DOUBLE THROW (DPDT)**

Applications

- HVAC/ R
- · Appliance vending machines
- Fan controls
- Business machines

	Power	208/240V	Pilot 208/2	240V
CONTACT RATING	120V	277V	120V	277V
Full Load Amps	12	6	-	-
Resistive Amps*	15	15	3	3
Locked Rotor Amps	60	35	-	-
Horsepower	3/4	3/4	1/10	1/10

#### \*0.75 power factor

Order I

				Terminal		Cross Reference								
Ite	m#	Coil Volrage	Terminal 1-2-3	4-5-6	Exxex/RBM	Honeywell	Price 1	Price 2						
46	-636	24	power	power	90-340	R8222D1014	15.85	13.95	Item #	Open	Close	Differential	Price 1	Price 2
46	637	110/120	power	power	90-341	R4222D1013	16.99	14.95	46-875	50	35	15	5.97	5.25
46	-638	208/240	power	power	90-342	R4222N1021	16.99	14.95	46-876	60	45	15	8.24	7.25
						~ 								

Price 1	Price 2				
Less Than \$500	Order \$500 or More				





Item #	Open	Close	Differential	Price 1	Price 2
46-875	50	35	15	5.97	5.25
46-876	60	45	15	8.24	7.25





# <u>:ONTACTORS / RELAYS</u>

(FL50)

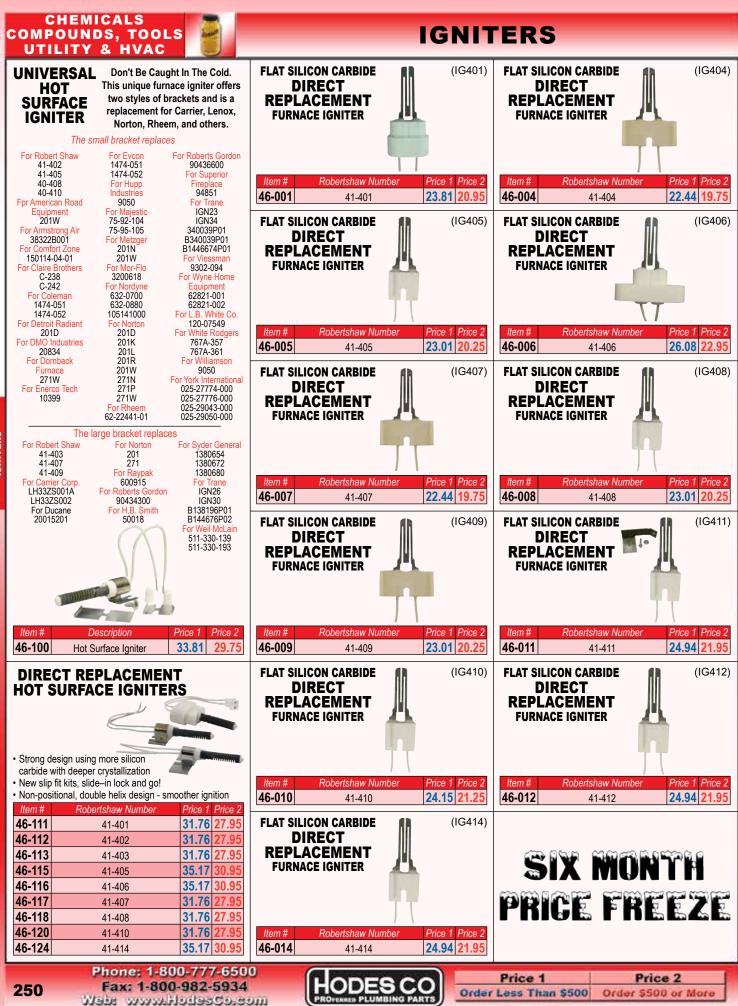
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HVAC FLUSH MOUNT STAGING

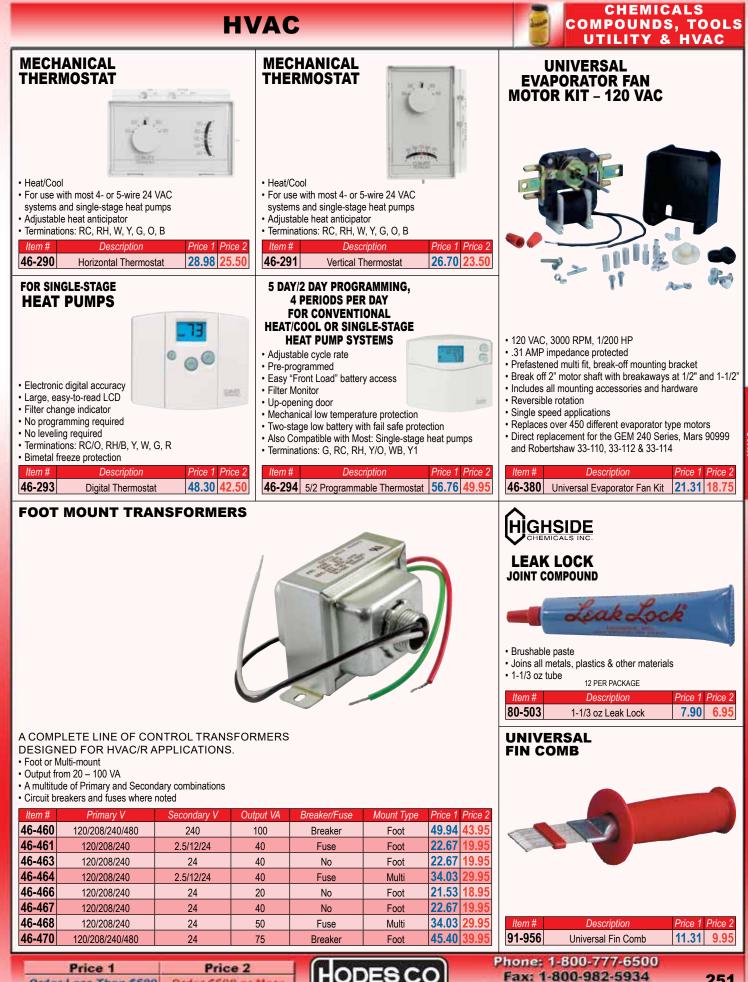
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