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Product Catalog



**QUALITY PRODUCTS
FOR THE
PLUMBING PROFESSIONAL**

**FAMILY OWNED
SINCE 1928**

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LETTER FROM THE PRESIDENT AND VICE PRESIDENT



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July 1st, 2022

Dear Black Swan Customers,

Here is our third new price sheet in the last 15 months. We are living in extraordinary times. Black Swan is spending all of our time monitoring price increases and making sure we don't run out of products. We are spending no time selling our products. This is a wonderful situation.

Black Swan's goal is to raise prices as little as possible and to make sure we are shipping our orders complete and on a timely basis. We think we have done a moderately good job over the last couple of years.

Thank you very much for the business. If you have any questions on prices or anything else, please do not hesitate to give us a call.

Jeffrey Lichten

President










Francine Lichten

Vice President



PUTTY AND CAULKS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|---|--|--|---|---|
|  <p>STAINLESS PUTTY A plastic putty that will not harden, crack or crumble. For setting closet bowls, sink strainers and many applications. Has excellent adhesive qualities. A stainless putty which meets Federal Specification TT-P-1536A. Not for use on marble.</p> | 01000 | 14 oz. | 24 | 26 | 0 54647 01000 7 |
|  <p>STAY SOFT PLUMBERS PUTTY A plastic putty that will not harden, crack or crumble. For setting closet bowls, sink strainers and many applications. Has excellent adhesive qualities. A stainless putty which meets Federal Specification TT-P-1536A. Not for use on marble.</p> | 01037 01040 01041 01043 01045 01047 01050 01055 01060 01062 01065 | 7 oz. 14 oz. 28 oz. 3 lb. 5 lb. 7 lb. 15 lb. 25 lb. 50 lb. 75 lb. 450 lb. | 24 24 12 6 6 6 4 1 1 1 1 | 13 26 26 20 34 45 65 28 52 77 470 | 0 54647 01037 3 0 54647 01040 3 0 54647 01041 0 0 54647 01043 4 0 54647 01045 8 0 54647 01047 2 0 54647 01050 2 0 54647 01055 7 0 54647 01060 1 0 54647 01062 5 0 54647 01065 6 |
|  <p>TUB & TILE CAULK A siliconized acrylic latex caulk. Will adhere to wood, metal, glass, masonry, painted surfaces and most other common construction materials. Can be used for both interior and exterior use. Retains flexibility and adhesion for years and can be painted shortly after application. *Hang-Tab Tube •Goes on white, dries clear</p> | WHITE 01073 WHITE *01075 WHITE 01077 CLEAR •01085 | 1.5 fl. oz. tube 5 fl. oz. tube 10.3 fl. oz. cart. 5 fl. oz. tube | 24 24 12 24 | 4 14 12 14 | 0 54647 01073 1 0 54647 01075 5 0 54647 01077 9 0 54647 01085 4 |
|  <p>SILICONE SEALANT - WHITE SILICONE SEALANT - ALMOND SILICONE SEALANT - CLEAR SILICONE SEALANT - WHITE SILICONE SEALANT - ALMOND SILICONE SEALANT - CLEAR A 100% silicone caulk. For indoor or outdoor use. Remains permanently flexible. It adheres to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber, painted surfaces and many plastics. ** Hang-Tab Tube</p> | **01095 **01097 **01100 01105 01107 01110 | 3 fl. oz. tube 3 fl. oz. tube 3 fl. oz. tube 10.3 fl. oz. cart. 10.3 fl. oz. cart. 10.3 fl. oz. cart. | 12 12 12 24 24 24 | 3 3 3 32 32 32 | 0 54647 01095 3 0 54647 01097 7 0 54647 01100 4 0 54647 01105 9 0 54647 01107 3 0 54647 01110 3 |
|  <p>STIK-IT EPOXY PUTTY Hardens like steel in 20 minutes. Plugs, seals, mends and patches practically anything. Can be used under water. *Packed In Display Box</p> | *01112 *01115 | 2 oz. 4 oz. | 24 24 | 4 8 | 0 54647 01112 7 0 54647 01115 8 |
|  <p>SMOOTH PUTTY A plastic putty that will not harden, crack or crumble. For setting closet bowls, sink strainers and many other applications. Has excellent adhesive qualities. A stainless putty which meets Federal Specification TT-P-1536A. Not for use on marble. Packaged in cartridges for easy application.</p> | 01140 | 10.3 fl. oz. cart. | 12 | 16 | 0 54647 01140 0 |
|  <p>PLUMBERS WAXY PLUG A special blend of wax and powders that can be used to plug small leaks in many plumbing situations. This product is meant as a temporary plug and may not hold under extreme temperatures or extreme pressure. Every home or business should have one container of this product on hand in case of a "leaking" emergency.</p> | 01150 | 1 lb. | 12 | 13 | 0 54647 01150 9 |

CATEGORY

1

CONTINUED

PUTTY AND CAULKS

PRODUCT



PUTTY TAPE

A preformed, extruded putty used for sealing and weather proofing joints. Permanently adheres to all clean and dry metal, glass and wood surfaces. Will not shrink, crack or dry out. Good up to +300° F.

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|-------------|---------|-------------------|-----------------|
| 01160 | 1/2" X 54" | 12 | 4 | 0 54647 01160 8 |
| 01170 | 1/2" X 360" | 6 | 12 | 0 54647 01170 7 |



MARBLE PLUS PLUMBERS PUTTY

An oil-free putty and can be used on porous surfaces such as marble, granite, stone, plastics, rubber, fiberglass, etc. Will not stain like conventional plumbers putty. A special formulated putty which will stay soft and flexible and will not shrink, bleed, harden, crack or crumble. It is gas proof, odor proof and water resistant. Can be used for setting bowls, fixtures, faucets, strainers, basin cocks, sink frames, and many other sealing and caulking applications. Meets Federal Specification TT-P-1536A.

*Packed In Display Box

| | | | | |
|--------|-------|----|----|-----------------|
| *01190 | 9 oz. | 18 | 15 | 0 54647 01190 5 |
| 01200 | 3 lb. | 6 | 20 | 0 54647 01200 1 |

CATEGORY

2

PIPE JOINT COMPOUNDS AND PTFE TAPE/PACKING

PRODUCT



PIPE JOINT COMPOUND

A soft set, non-hardening, smooth, grit-free, gray colored pipe joint compound for all types of metal connections. Not recommended for use on plastic. Can be used on lines carrying air, water, steam, natural gas, ammonia, brine, diluted acids and alkalis. Not recommended for lines carrying oxygen. Temperature range for gases and liquids: -15° F (-26° C) to +400° F (+204° C). Pressure range for gases up to 1,000 PSI, liquids up to 2,000 PSI. Brushable to: -15° F (-26° C). Contains no lead or silicone.

*Hang-Tab Tubes In Display Tray

- Brush In Can

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|------------|---------|-------------------|-----------------|
| *02000 | 2 oz. tube | 12 | 2 | 0 54647 02000 6 |
| •02004 | 1/4 pt. | 24 | 12 | 0 54647 02004 4 |
| •02005 | 1/2 pt. | 12 | 10 | 0 54647 02005 1 |
| •02008 | pt. | 12 | 20 | 0 54647 02008 2 |
| •02012 | qt. | 12 | 38 | 0 54647 02012 9 |
| 02020 | gal. | 4 | 61 | 0 54647 02020 4 |
| 02021 | 5 gal. | 1 | 75 | 0 54647 02021 1 |
| 02022 | 55 gal. | 1 | 825 | 0 54647 02022 8 |



BIG BLACK

A black, grit-free, slow-set, soft-set, non-hardening, non-toxic pipe joint compound. Easy to use and easy to clean. Will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. For use on all metals, ABS, PVC, CPVC, fiberglass, nylon, polypropylene, celcon, cycolac, polybutylene, delrin, polyethylene and zytel plastics. Can be used on systems carrying most liquids and gases. Not for use on oxygen lines. Temperature range for gases and liquids: -50° F (-45° C) to +400° F (+204° C). Pressure range for gases up to 3,000 PSI, liquids up to 6,000 PSI. Brushable to: -50° F (-45° C). Contains non-toxic inert oils and carbonates. Contains no lead or silicone. NSF Certified.

- Brush In Can

| | | | | |
|--------|---------|----|----|-----------------|
| •02023 | 1/4 pt. | 24 | 12 | 0 54647 02023 5 |
| •02024 | 1/2 pt. | 12 | 10 | 0 54647 02024 2 |
| •02026 | pt. | 12 | 22 | 0 54647 02026 6 |
| •02028 | qt. | 12 | 41 | 0 54647 02028 0 |

PIPE JOINT COMPOUNDS AND PTFE TAPE/PACKING

PRODUCT

Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



ALL PURPOSE PIPE DOPE

A yellow, grit-free, slow-set, soft-set, non-hardening, non-toxic pipe joint compound. Easy to use and easy to clean. Will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. For use on all metals, ABS, PVC, CPVC, fiberglass, nylon, polypropylene, celcon, cycolac, polybutylene, delrin, polyethylene and zytel plastics. Can be used on systems carrying most liquids and gases. Not for use on oxygen lines. Temperature range for gases and liquids: -50° F (-45° C) to +400° F (+204° C). Pressure range for gases up to 3,000 PSI, liquids up to 6,000 PSI. Brushable to: -50° F (-45° C). Contains non-toxic inert oils and carbonates. Contains no lead or silicone. NSF Certified.

- Brush In Can *Hang-Tab Tube in Display Tray

| | | | | |
|---------|----------------|----|----|-----------------|
| *02034 | 1 fl. oz. tube | 12 | 2 | 0 54647 02034 1 |
| • 02035 | 1/4 pt. | 24 | 12 | 0 54647 02035 8 |
| • 02040 | 1/2 pt. | 12 | 10 | 0 54647 02040 2 |
| • 02045 | pt. | 12 | 22 | 0 54647 02045 7 |
| • 02050 | qt. | 12 | 41 | 0 54647 02050 1 |
| 02051 | gal. | 4 | 51 | 0 54647 02051 8 |
| 02052 | 5 gal. | 1 | 65 | 0 54647 02052 5 |



SWAN SEAL

A soft-set, non-hardening, white, smooth, grit-free, homogenized PTFE pipe joint compound. For use on metal and plastic threaded connections. Formulated to be used on all types of systems carrying most any gas or liquid except oxygen, fluorine and liquid sodium. Will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. Temperature range for gases and liquids: -50° F (-45° C) to +400° F (+204° C). Pressure range for gases up to 3,000 PSI, liquids up to 10,000 PSI. Brushable to: -50° F (-45° C). Contains non-toxic inert oils, PTFE powder, and carbonates. Contains no lead or silicone. NSF Certified.

- *Hang-Tab Tubes In Display Tray
- Brush In Can

| | | | | |
|---------|----------------|----|-----|-----------------|
| *02053 | 1 fl. oz. tube | 12 | 2 | 0 54647 02053 2 |
| • 02054 | 1/4 pt. | 24 | 12 | 0 54647 02054 9 |
| • 02055 | 1/2 pt. | 12 | 13 | 0 54647 02055 6 |
| • 02060 | pt. | 12 | 22 | 0 54647 02060 0 |
| • 02065 | qt. | 12 | 41 | 0 54647 02065 5 |
| 02066 | gal. | 4 | 61 | 0 54647 02066 2 |
| 02067 | 5 gal. | 1 | 75 | 0 54647 02067 9 |
| 02068 | 55 gal. | 1 | 640 | 0 54647 02068 6 |



BIG BLUE

A blue, grit-free, slow, soft-set, non-hardening, non-toxic pipe joint compound. Easy to use and easy to clean. Will not transfer any taste or odor to the system being sealed. Excellent for food or potable water systems. For use on all metals, ABS, PVC, CPVC, fiberglass, nylon, polypropylene, celcon, cycolac, polybutylene, delrin, polyethylene and zytel plastics. Can be used on systems carrying most liquids and gases. Not for use on oxygen lines. Temperature range for gases and liquids: -50° F (-45° C) to +400° F (+204° C). Pressure range for gases up to 3,000 PSI, liquids up to 6,000 PSI. Brushable to: -50° F (-45° C). Contains non-toxic inert oils and carbonates. Contains no lead or silicone. NSF Certified.

- Brush In Can *Hang-Tab Tube in Display Tray

| | | | | |
|---------|----------------|----|----|-----------------|
| *02069 | 1 fl. oz. tube | 12 | 2 | 0 54647 02069 3 |
| • 02070 | 1/4 pt. | 24 | 12 | 0 54647 02070 9 |
| • 02071 | 1/2 pt. | 12 | 10 | 0 54647 02071 6 |
| • 02072 | pt. | 12 | 22 | 0 54647 02072 3 |
| • 02073 | qt. | 12 | 41 | 0 54647 02073 0 |



BIG WHITE

A soft set, non-hardening, smooth, grit-free, homogenized PTFE pipe joint compound. For use on metal and plastic threaded connections. Formulated to be used on all types of systems carrying most any gas or liquid except oxygen, fluorine and liquid sodium. Will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. Temperature range for gases and liquids: -50° F (-45° C) to +400° F (+204° C). Pressure range for gases up to 3,000 PSI, liquids up to 10,000 PSI. Brushable to: -50° F (-45° C). Contains no lead or silicone. NSF Certified. This product can be used on FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. (FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.)

- Brush In Can

| | | | | |
|---------|---------|----|----|-----------------|
| 02076 | 3 ml. | 50 | 2 | 0 54647 02076 1 |
| • 02077 | 1/4 pt. | 24 | 12 | 0 54647 02077 8 |
| • 02078 | 1/2 pt. | 12 | 10 | 0 54647 02078 5 |
| • 02079 | pt. | 12 | 22 | 0 54647 02079 2 |
| • 02080 | qt. | 12 | 41 | 0 54647 02080 8 |
| • 02082 | 5 gal. | 1 | 75 | 0 54647 02082 2 |

PIPE JOINT COMPOUNDS AND PTFE TAPE/PACKING

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|------------|--------------|---------|-------------------|-----------------|
| <p>PTFE TAPE - LOW DENSITY - CHINA Made from virgin PTFE. Thickness is .0035 ± .0005 and density of .37 g/cm³. Provides a tight seal for any threaded joint and permits easy disassembly; withstands -450° F (-268°C) to +500° F (260°C). Comes in individual plastic dispenser. For use on oxygen systems. Non-toxic and non-flammable. Meets Federal Specification MIL-T-27730A. Made in China.</p> <p>* On Core Packed In Bag ** 5 Rolls In Bag • Packed In Display Bucket</p> | *02086 | 1/2" X 40" | 50 | 3 | 0 54647 02086 0 |
| | 02088 | 1/2" X 100" | 100 | 3 | 0 54647 02088 4 |
| | 02090 | 1/2" X 260" | 100 | 3 | 0 54647 02090 7 |
| | 02090-10 | 1/2" X 260" | 10 | 1 | 0 54647 02090 7 |
| | *02090BK | 1/2" X 260" | 100 | 3 | 0 54647 02090 7 |
| | **02091 | 1/2" X 260" | 12 | 2 | 0 54647 02091 4 |
| | *02093 | 1/2" X 300" | 50 | 4 | 0 54647 02093 8 |
| | 02095 | 1/2" X 520" | 100 | 4 | 0 54647 02095 2 |
| | 02095-10 | 1/2" X 520" | 10 | 1 | 0 54647 02095 2 |
| | *02095BK | 1/2" X 520" | 100 | 4 | 0 54647 02095 2 |
| | 02100 | 1/2" X 1296" | 50 | 7 | 0 54647 02100 3 |
| | 02103 | 3/4" X 260" | 70 | 5 | 0 54647 02103 4 |
| | 02105 | 3/4" X 520" | 70 | 6 | 0 54647 02105 8 |
| | *02105BK | 3/4" X 520" | 70 | 6 | 0 54647 02105 8 |
| | 02108 | 3/4" X 1296" | 70 | 7 | 0 54647 02108 9 |
| | 02109 | 1" X 260" | 50 | 4 | 0 54647 02109 6 |
| 02110 | 1" X 520" | 50 | 4 | 0 54647 02110 2 | |
| 02115 | 1" X 1296" | 25 | 2 | 0 54647 02115 7 | |
| <p>PTFE TAPE - HIGH DENSITY - CHINA A heavy duty industrial PTFE tape that should be used on the highest quality jobs. More PTFE per square inch than regular PTFE tape. Thickness is .0035 ± .0005 and density of .7 g/cm³. Provides a tight seal for any threaded joint and permits easy disassembly; withstands -450° F (-268°C) to +500° F (260°C). Comes in individual plastic dispenser. For use on oxygen systems. Non-toxic and non-flammable. Meets Federal Specification MIL-T-27730A. Made in China.</p> | 02120 | 1/2" X 260" | 24 | 1 | 0 54647 02120 1 |
| | 02125 | 1/2" X 520" | 24 | 1 | 0 54647 02125 6 |
| | 02125-10 | 1/2" X 520" | 10 | 1 | 0 54647 02125 6 |
| | 02130 | 3/4" X 520" | 12 | 1 | 0 54647 02130 0 |
| | 02135 | 1" X 520" | 12 | 1 | 0 54647 02135 5 |
| <p>PTFE TAPE - YELLOW - GAS LINE - CHINA A heavy duty, high density PTFE tape especially recommended for gas lines. Can be used on lines carrying natural gas, propane, water, oil, etc. Thickness is .0035 ± .0005 and density of 1.2 g/cm³, pressure rating of 10,000 PSI and withstands temperature from -450° F (-268°C) to +500° F (260°C). Can be used on oxygen systems. Meets Federal Specification MIL-T-27730A. UL listed. Made in China. *On Core Packed In Bag</p> | *02139 | 1/2" X 40" | 12 | 1 | 0 54647 02139 3 |
| | 02140 | 1/2" X 260" | 12 | 1 | 0 54647 02140 9 |
| | 02142 | 3/4" X 520" | 12 | 1 | 0 54647 02142 3 |
| <p>PTFE TAPE - PINK - WATER LINE - CHINA A high density PTFE tape, 0.7 g/cm³ density and thickness of .0035 ± .0005. Meets Federal Specification MIL-T-27730A. Temperature range from -450° F (-268°C) to +500° F (260°C). Made in China.</p> | 02145 | 1/2" X 260" | 12 | 1 | 0 54647 02145 4 |
| | 02146 | 1/2" X 520" | 12 | 1 | 0 54647 02146 1 |
| | 02148 | 3/4" X 520" | 12 | 1 | 0 54647 02148 5 |
| <p>PTFE TAPE - GRAY - STAINLESS STEEL - CHINA A high density PTFE tape, 0.7 g/cm³ density and thickness of .0035 ± .0005. Meets Federal Specification MIL-T-27730A. Temperature range from -450° F (-268°C) to +500° F (260°C). Made in China.</p> | 02152 | 1/2" X 520" | 12 | 1 | 0 54647 02152 2 |
| | 02154 | 3/4" X 520" | 12 | 1 | 0 54647 02154 6 |
| <p>PTFE TAPE - GREEN - OXYGEN LINE - U.S.A. A high density PTFE tape, 0.7 g/cm³ density and thickness of .0035 ± .0005. Meets Federal Specification MIL-T-27730A. Temperature range from -450° F (-268°C) to +500° F (260°C). Made in U.S.A.</p> | 02162 | 1/2" X 520" | 12 | 1 | 0 54647 02162 1 |
| | 02164 | 3/4" X 520" | 12 | 1 | 0 54647 02164 5 |
| <p>PTFE TAPE - GRAY GHOST - CHINA A high density PTFE tape, 0.7 g/cm³ density and thickness of .0035 ± .0005. Meets Federal Specification MIL-T-27730A. Temperature range from -450° F (-268°C) to +500° F (260°C). Made in China. *Packed In Display Box **Packed in Gravity Feed Display</p> | *02180 | 1/2" X 1000" | 63 | 4 | 0 54647 02180 5 |
| | **02180GFD | 1/2" X 1000" | 60 | 4 | 0 54647 02180 5 |
| | *02185 | 3/4" X 1000" | 45 | 4 | 0 54647 02185 0 |
| | *02190 | 1" X 1000" | 36 | 4 | 0 54647 02190 4 |
| <p>PTFE TAPE - LOW DENSITY - U.S.A. Made from virgin PTFE. Thickness is .0035 ± .0005 and density of .37 g/cm³. Provides a tight seal for any threaded joint and permits easy disassembly; withstands temperature from -450° F (-268°C) to +500° F (260°C). For use on oxygen systems. Meets Federal Specification MIL-T-27730A. Made in U.S.A.</p> | 02220 | 1/2" X 260" | 24 | 1 | 0 54647 02220 8 |
| | 02225 | 1/2" X 520" | 24 | 1 | 0 54647 02225 3 |
| | 02230 | 3/4" X 520" | 24 | 1 | 0 54647 02230 7 |
| | 02235 | 1" X 520" | 24 | 2 | 0 54647 02235 2 |



CATEGORY

2

CONTINUED

PIPE JOINT COMPOUNDS AND PTFE TAPE/PACKING

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|--------------|---------|-------------------|-----------------|
| TUFFY STRING Round strands of PTFE for packing valves and stems. Has temperature range of -400° F (-240°C) to +600° F (+315°C). | 02265 | 3/32" X 24" | 6 | 1 | 0 54647 02265 9 |
| | 02275 | 3/32" X 120" | 6 | 1 | 0 54647 02275 8 |
| | 02285 | 5/32" X 24" | 6 | 1 | 0 54647 02285 7 |
| | 02295 | 5/32" X 120" | 6 | 2 | 0 54647 02295 6 |
| GRAPHITE PACKING A braided yarn packing that is impregnated with graphite. Can be used for sealing of valves, pumps, faucets, showerheads, sink traps, laundry and garden hoses, etc. Can be used with hot water, steam, oils, heat exchange liquids, acids, alkalis, ammonia gas, hydrogen gas, organic solvents, hydrocarbons, etc. Working temperature range from -328°F (-200°C) to 850°F (+454°C). Maximum working pressure: 50 Mpa. | 02320 | 3/32" X 24" | 12 | 1 | 0 54647 02320 5 |
| PIPE STICK Pipe joint compound in stick form. For sealing metal or plastic pipelines carrying water, steam, butane, propane, natural gas, oil, gasoline and more. Compounded to prevent rust and corrosion and to allow easier disassembly. Withstands pressures up to 10,000 PSI and temperature up to 750° F (399°C). *Packed In Display Box | *02350 | 1.3 oz. | 12 | 1 | 0 54647 02350 2 |
| | 02350-144 | 1.3 oz. | 144 | 14 | 0 54647 02350 2 |



CATEGORY

3

SOLDERS, FLUXES AND CLEANING COMPOUNDS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|---------|---------|-------------------|-----------------|
| 95/5 SOLDER-N-FLUX 95/5 tin-antimony solder combination. Used where vibration or expansion or contraction may be encountered. Contains no lead. RECOMMENDED FOR USE ON POTABLE WATER LINES. | 03018 | 1/2 lb. | 12 | 7 | 0 54647 03018 0 |
| | 03020 | 1 lb. | 12 | 13 | 0 54647 03020 3 |
| SOLU-FLUX A 100% SOLUBLE FLUX TO BE USED WITH MOST PLUMBING SOLDERS - ESPECIALLY LEAD-FREE SOLDERS. Has working temperature of 250° F to 520° F. Safe to use on potable water systems. Can be used on copper, brass, galvanized, tin, zinc and other commonly soldered metals. Not for use on aluminum. Conforms to ASTM B813/93. This easy-to-use product is self-cleaning, non-fuming and non-corrosive. SOLU-FLUX has excellent wetting characteristics which provides for better solder flow and better joints. Will not liquefy in container and will not harden or dry out. | 03023 | 2 oz. | 12 | 2 | 0 54647 03023 4 |
| | 03024 | 4 oz. | 12 | 4 | 0 54647 03024 1 |
| | 03026 | 8 oz. | 12 | 8 | 0 54647 03026 5 |
| | 03027 | 1 lb. | 12 | 15 | 0 54647 03027 2 |
| TUF-FLUX A quick, active soldering paste which does not freeze or decompose and from which there is no odor. For use on all metals except aluminum. Cleans as it fluxes to assure complete bonding of solder and metal. Meets Federal Specification O-F-506. • Brush In Cap | 03029 | 2 oz. | 24 | 4 | 0 54647 03029 6 |
| | 03030 | 4 oz. | 12 | 4 | 0 54647 03030 2 |
| | • 03032 | 1/2 pt. | 6 | 4 | 0 54647 03032 6 |
| | 03035 | 1 lb. | 12 | 15 | 0 54647 03035 7 |



SOLDERS, FLUXES AND CLEANING COMPOUNDS

PRODUCT

Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



LIQUID FLUX

A self-cleaning liquid flux for use with soft solders. Can be used on most metals except aluminum and some stainless steels. Makes joints quickly and easily.

03040

4 fl. oz.

24

12

0 54647 03040 1



TIN-O-FLUX

A quick, active soldering paste which does not freeze or decompose and from which there is no odor. For use on all metals except aluminum. Cleans as it fluxes to assure complete bonding of solder and metal. Contains a special blend of metal powders to pre-tin the copper tubing. Does not contain lead. Meets Federal Specifications O-F-506.

03041
03042

2 oz.
4 oz.

24
12

4
4

0 54647 03041 8
0 54647 03042 5



DIRTY BIRDY HAND CLEANER

Cleans dirt, grease and grime instantly and leaves hands soft, smooth and clean. Can be used with or without water. Fortified with lanolin.

03045

1 lb.

12

15

0 54647 03045 6



DIRTY BIRDY WIPES

A strong abrasive towel impregnated with hand cleaner. Formulated to remove adhesives, sealants, spray paints, enamels, latex paint, grease, tar, ink and much more. Can be used to clean hands, tools, equipment, desk tops, etc. 72 wipes per container.

03055
*03055-30

10" X 12"
10" X 12"

6
30

11
55

0 54647 03055 5
0 54647 03055 5

- Floor Display



RAIN-LOTION HAND CLEANER

A specially formulated hand cleaner in lotion form. Packaged in a squeeze tube for easy storage and easy application. Leaves hands feeling great and has the fresh scent of a summer "Rain". Can be used with or without water.

*03057

22 fl.oz.

12

20

0 54647 03057 9

- Squeeze Tube



RAIN-LOTION HAND CLEANER WITH PUMICE

A specially formulated hand cleaner in lotion form. Contains pumice for extra cleaning strength. Ideal for cleaning plastic pipe cement from hands. Leaves hands feeling great and has the fresh scent of a summer "Rain".

*03063
*03065

2 oz.
16 oz.

24
12

5
14

0 54647 03063 0
0 54647 03065 4

- Flip-Top Lid



CITRA TWISTER

A natural, powerful, all-purpose cleaner. Ideal for kitchen, bathroom and tough household jobs. Contains D-limonene. Non-toxic, non-poisonous and biodegradable.

*03070
03075
03080

22 fl. oz.
5 gal.
55 gal.

12
1
1

18
40
444

0 54647 03070 8
0 54647 03075 3
0 54647 03080 7

- Sprayer



Visit Us At Our Web Site
www.blackswanmfg.com
 For All The Latest Black Swan News,
 Product Information, and Safety Data Sheets.

SOLDERS, FLUXES AND CLEANING COMPOUNDS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|------------------|----------------|----------|-------------------|------------------------------------|
| BOWL & PORCELAIN CLEANER Concentrate used to clean toilet bowls, urinals, bathtubs, sinks, ceramic tiles and other enameled and plated surfaces. | 03105 | qt. | 12 | 29 | 0 54647 03105 7 |
| ALL PURPOSE ABSORBENT Absorbs oils, water, grease and many other liquids. Makes slippery floors safe to walk on and lessens chance of fall. | 03130 | 50 lb. | 1 | 50 | 0 54647 03130 9 |
| RUST-A-WAY A commercial strength rust remover and water softener. Specially formulated to remove iron, rust and other contaminants from most materials and surfaces. Ideal for use on tubs, sinks, water heaters, piping, tile, tools, chrome, steel and even white clothes. | 03160 | 18 oz. | 12 | 18 | 0 54647 03160 6 |
| POTASSIUM PERMANGANATE An iron filter regenerator. Potassium Permanganate is a very strong oxidizing agent. It converts dissolved iron and/or manganese to insoluble oxides which can be easily removed by filtration. | 03180 | 3 lb. | 4 | 14 | 0 54647 03180 4 |
| POWER LOTION A superior skin lotion specifically designed with the "working man" in mind. For treatment of dry, sore, red, inflamed, irritated, chapped or chafed hands and skin. Power Lotion is fragrance-free, lanolin-free, non-greasy, hypoallergenic and safe for all skin types. Does not clog pores. + Packed in Counter Display • Flip-Top Lid | •03200 +03210 | 2 oz. 8 oz. | 24 12 | 4 8 | 0 54647 03200 9 0 54647 03210 8 |
| JEFFY'S BOWL CLEANSE A very strong hydrochloric acid product that cleans toilet bowls, urinals, tile and copper. Cleans the most difficult stains and leaves the surface sparkling clean. With a name like Jeffy, you can't go wrong! | 03220 | qt. | 12 | 29 | 0 54647 03220 7 |
| CHROME & TILE CLEANER A phosphoric acid based cleaner that removes rust, lime and scale from chrome, tile, copper, brass, stainless steel, fiberglass, porcelain, glass, aluminum and plastic. Ideal for cleaning toilet bowls, shower heads, shower doors, porcelain sinks, tubs and much more. An outstanding product. | 03240 | qt. | 12 | 29 | 0 54647 03240 5 |
| JETS AHOY A liquid product formulated to remove soap build-up, bath and body oil, black flakes, bacteria and dirt from jetted bathtubs, jacuzzis and whirlpools. We think this product performs a jetted tub angioplasty. Jets Ahoy! cleans the pipes, pumps, fittings and the jets. A unique, powerful formula. | 03250 | qt. | 12 | 12 | 0 54647 03250 4 |
| GARBAGE DISPOSAL CLEANER A powdered product that can be easily sprinkled into any garbage disposal unit. Very effective in cleaning and deodorizing. Leaves garbage disposals smelling fresh and clean. | 03260 | 12 oz. | 12 | 12 | 0 54647 03260 3 |

SOLDERS, FLUXES AND CLEANING COMPOUNDS

PRODUCT











| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|--|---|--------------------------------|--------------------------------|--|
| <p>URINAL GUARD Gives an extra punch to urinal cleaning and deposit removal. It effectively removes deposits of carbonates, sulfates, phosphates, oxides, urinary salts and other mineral deposits. It contains metal corrosion inhibitors and a strong anti-foam suppressant. Urinal Guard decimates the accumulation of uric acid and prevents it from reforming. Urinal Guard will help the urinal to flow freely.</p> | 03270 | qt. | 12 | 34 | 0 54647 03270 2 |
| <p>LEAD FREE SOLDER 97% tin and 3% copper alloy. Melt point range of 420°F to 460°F. High quality solder for plumbing and potable water lines. Meets ASTM Standard B-32.</p> | 03305 03310 | 1/2 lb. 1 lb. | 6 6 | 4 7 | 0 54647 03305 1 0 54647 03310 5 |
| <p>LEAD FREE ROSIN ELECTRICAL SOLDER 95% tin and 5% antimony alloy. Melt point range of 450°F to 464°F. General purpose solder for electrical work. Rosin flux is in the core of the solder.</p> | 03350 | 1 lb. | 6 | 7 | 0 54647 03350 1 |
| <p>LEAD FREE ACID CORE SOLDER 95% tin and 5% antimony alloy. Melt point range of 450°F to 464°F. General purpose solder for sheet metal, radiator repair and galvanized gutters. Acid flux is in the core of the solder.</p> | 03390 | 1 lb. | 6 | 7 | 0 54647 03390 7 |
| <p>50/50 SOLDER 50% tin and 50% lead alloy. Melting point ranges in 361°F to 421°F. Use for tin plating, sheet metal repair and copper DWV systems. Contains lead. Not for use on drinking water lines.</p> | 03405 03410 | 1/2 lb. 1 lb. | 6 6 | 4 7 | 0 54647 03405 8 0 54647 03410 2 |
| <p>95/5 SOLDER 95% tin and 5% antimony alloy. Melt point range between 450°F and 464°F. Use for potable water applications, refrigeration lines and cooling equipment. Ideal for lines that experience extreme vibration or wide temperature changes.</p> | 03435 03440 | 1/2 lb. 1 lb. | 6 6 | 4 7 | 0 54647 03435 5 0 54647 03440 9 |
| <p>SOLDER BAR - WIPING (40 Tin/60 Lead) 40% tin and 60% lead alloy. Melt point range is 361°F to 460°F. A good general purpose dipping solder. For use on sheet metal and radio and TV applications.</p> | 03480 | 1 lb. | 4 | 5 | 0 54647 03480 5 |
| <p>LIQUID HAND SANITIZER - ALCOHOL This product is a liquid based sanitizer. Contains 80% alcohol. This formula follows World Health Organization recommendations. Dries quicker than gel hand sanitizers.</p> | 03550 03555 03560 03570 03590 03600 | 2 fl. oz. 8 fl. oz. pt qt. gal. 5 gal. | 24 12 12 12 4 1 | 6 8 14 27 36 42 | 0 54647 03550 5 0 54647 03555 0 0 54647 03560 4 0 54647 03570 3 0 54647 03590 1 0 54647 03600 7 |
| <p>GEL HAND SANITIZER - ALCOHOL This product is a gel based sanitizer that contains 70% alcohol. Topical solution. This formula follows the World health Organization recommendations. Works in 30 seconds.</p> | 03620 03625 03630 03635 03640 03645 | 2 fl. oz. 8 fl. oz. pt qt. gal. 5 gal. | 24 12 12 12 4 1 | 6 8 14 27 36 42 | 0 54647 03620 5 0 54647 03625 0 0 54647 03630 4 0 54647 03635 9 0 54647 03640 3 0 54647 03645 8 |
| <p>GEL HAND SANITIZER - NON-ALCOHOL This product is a gel based hand sanitizer that contains .1% active Benzalkonium Chloride. Benzalkonium Chloride is an ingredient approved by the Food and Drug Administration to be used in hand sanitizer products. Non-flammable, alcohol-free, pleasant scent, contains moisturizing and conditioning ingredients to keep skin feeling soft.</p> | 03700 03705 03710 03715 03720 03725 | 2 fl. oz. 8 fl. oz. pt qt. gal. 5 gal. | 24 12 12 12 4 1 | 6 8 14 17 36 42 | 0 54647 03700 4 0 54647 03705 9 0 54647 03710 3 0 54647 03715 8 0 54647 03720 2 0 54647 03725 7 |



WAX GASKETS, COLD SOLDERS AND LUBRICANTS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|----------------|---------|-------------------|-----------------|
|  <p>IRON PASTE A multi-purpose compound in paste form that is used to caulk soil pipe drains. Seals and repairs leaks in water pipes, gas lines, steam or hot water radiators. Fast setting cement. 1/2 pint can equals 10 lbs. of caulking lead.</p> | 04030 | 1/2 pt. | 24 | 24 | 0 54647 04030 1 |
| | 04031 | pt. | 12 | 22 | 0 54647 04031 8 |
| | 04032 | qt. | 12 | 45 | 0 54647 04032 5 |
|  <p>LIQUID ROOF COATING An asphalt base liquid coating that can be applied by trowel or brush. Makes tin, corrugated iron, felt, gravel and composition roofs water tight.</p> | 04035 | qt. | 12 | 30 | 0 54647 04035 6 |
| | 04036 | gal. | 6 | 55 | 0 54647 04036 3 |
| | 04037 | 5 gal. | 1 | 42 | 0 54647 04037 0 |
|  <p>ROOF-PROOF Fiber roof cement. For wet or dry surfaces. Ideal for sealing flashings, vents, laps, etc. This product should be applied with a trowel. Roof-Proof conforms to Federal Specification SSC-1-53.</p> | 04039 | 11 fl. oz. | 12 | 10 | 0 54647 04039 4 |
| | 04040 | qt. | 12 | 39 | 0 54647 04040 0 |
| | 04045 | gal. | 6 | 68 | 0 54647 04045 5 |
| | 04050 | 5 gal. | 1 | 55 | 0 54647 04050 9 |
|  <p>PIPE-LUBE For the lubrication of slip-on or "O" ring type joints with rubber or synthetic rubber type gaskets. NSF Certified. * Aerosol Spray ** Squeeze Tube</p> | *04052 | 16 oz. | 12 | 17 | 0 54647 04052 3 |
| | **04053 | 22 fl. oz. | 12 | 20 | 0 54647 04053 0 |
| | 04054 | pt. | 12 | 14 | 0 54647 04054 7 |
| | 04055 | qt. | 12 | 28 | 0 54647 04055 4 |
| | 04060 | gal. | 4 | 35 | 0 54647 04060 8 |
| | 04065 | 3-1/2 gal. | 1 | 30 | 0 54647 04065 3 |
| | 04070 | 5 gal. | 1 | 43 | 0 54647 04070 7 |
| 04072 | 55 gal. | 1 | 473 | 0 54647 04072 1 | |
|  <p>ADHESIVE—LUBE A one component Neoprene* Adhesive Lubricant formulated to improve installation and sealing of compression type gaskets for cast iron soil pipe joints. (*DuPont Reg. Trade Mark) •• With Jumbo Dauber in Cap</p> | 04080 | qt. | 12 | 27 | 0 54647 04080 6 |
| | •• 04081 | qt. | 12 | 27 | 0 54647 04081 3 |
|  <p>NO-HUB SEALANT A sealant specifically designed as a coating for cast iron pipe to improve leak-free sealing of no-hub couplings. This high performance polymer resin compound is plastic and resists vibration and temperature change. Ideal for lines that need to be air tested. Conforms to MIL-S-45180D ••With Jumbo Dauber in Cap</p> | ••04085 | qt. | 12 | 27 | 0 54647 04085 1 |
|  <p>PLASTIC-GASKET SEALANT A sealant specifically designed as a coating to improve leak-free sealing between all kinds of rubber gaskets and all kinds of plastic pipe. This high performance polymer resin compound is plastic and resists vibrations and temperature change. Ideal for lines that need to be air tested. Conforms to MIL-S-45180D. •• With Jumbo Dauber In Cap</p> | ••04090 | qt. | 12 | 27 | 0 54647 04090 5 |
|  <p>PLUMBERS GREASE Makes hard turning faucets work smoothly. Lubricates stems of faucets, valves, ball cocks, etc. Waterproof. Will not melt like ordinary grease. For hot water or steam. Temperature range use from -20°F to +350°F. *Hang-Tab Tubes In Display Tray</p> | 04095 | 1 fl. oz. | 24 | 2 | 0 54647 04095 0 |
| | *04096 | 1 fl. oz. tube | 12 | 1 | 0 54647 04096 7 |
| | 04100 | 2 fl. oz. | 24 | 4 | 0 54647 04100 1 |

WAX GASKETS, COLD SOLDERS AND LUBRICANTS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|----------------|---------|-------------------|-----------------|
| SILICONE GREASE A 90% pure silicone product that contains no petroleum additives and offers heat resistance up to 450° F. Non-staining. Apply to rubber and synthetic O-rings. * Plastic Bag With Header ** Hang-Tab Tubes In Display Tray | *04114 | 1/2 oz. | 12 | 1 | 0 54647 04114 8 |
| | 04115 | 1/2 oz. | 12 | 1 | 0 54647 04115 5 |
| | 04120 | 1 oz. | 12 | 2 | 0 54647 04120 9 |
| | **04125 | 1 fl. oz. tube | 12 | 1 | 0 54647 04125 4 |
| | 04126 | 2 oz. | 12 | 2 | 0 54647 04126 1 |
| | 04130 | 5 gal. | 1 | 45 | 0 54647 04130 8 |
| SOIL—O Soil pipe cement. Lead substitute in powder form. For caulking soil pipe joints. An economical substitute for lead. Easily mixed with water. | 04150 | 1 lb. | 12 | 13 | 0 54647 04150 6 |
| | 04155 | 2 lb. | 12 | 26 | 0 54647 04155 1 |
| | 04160 | 5 lb. | 6 | 32 | 0 54647 04160 5 |
| ANCHORING & PATCHING CEMENT A superior, quick drying, high strength hydraulic cement used for anchoring and patching. Can be used in a wet environment. Sets in 3 to 5 minutes. | 04165 | 3 lb. | 6 | 20 | 0 54647 04165 0 |
| | 04167 | 10 lb. | 4 | 43 | 0 54647 04167 4 |
| | 04168 | 20 lb. | 1 | 21 | 0 54647 04168 1 |
| | 04170 | 50 lb. | 1 | 52 | 0 54647 04170 4 |
| TILE GROUT A tile grout in powdered form. A special blend of Portland cements, fortifiers and graded fillers. Suitable for all grouting applications in the areas of floor and wall tile, shower stalls, towel racks, soap dishes, sink tops and mosaic tile applications. One pound will cover 12 to 16 square feet. | 04180 | 2 lb. | 12 | 28 | 0 54647 04180 3 |
| | 04185 | 10 lb. | 4 | 43 | 0 54647 04185 8 |
| LIQUID PIPE COATING An asphalt based liquid coating that can be used to coat valves, fittings, flanges, bolts and cast iron pipe going underground. Provides superior waterproof protection. | 04190 | 5 gal. | | 42 | 0 54647 04190 2 |
| PIPE WRAP PRIMER A quick drying, rubber base primer. Used on underground gas pipe to fill voids and help the pipe wrap tape adhere better to the pipe. ••Jumbo Dauber In Cap | ••04220 | pt. | | 15 | 0 54647 04220 6 |
| | ••04230 | qt. | | 25 | 0 54647 04230 5 |
| GASKET AIDE An amber liquid gasket coating that can provide leak-free, chemically resistant, and pressure enhanced sealing when used with paper, felt, cork, fiber, treated, synthetic, composite, metal or rubber gaskets. It is an efficient drying sealant that cures into a high performance elastomeric polymer membrane (by solvent evaporation) and adheres to both coupling and gasket. Conforms to MIL-S- 451800. •Dauber In Cap *Small Dauber In Cap | •04240 | 1/4 pt. | | 10 | 0 54647 04240 4 |
| | *04242 | 1/4 pt. | | 10 | 0 54647 04242 8 |
| SWAN WAX Wax gasket for setting closet bowls. Meets Federal Specification TT-P-1536A. | 04300 | ----- | | 25 | 0 54647 04300 5 |
| | 04300-12 | ----- | | 6 | 0 54647 04300 5 |
| SWAN WAX WITH 1/4" X 2-1/4" CLOSET BOLT KIT Brass Bolts With Plastic Stand-Up Washers (12166) Brass Bolts With Double Nuts & Double Washers (12167) Brass Plated Bolts With Plastic Stand-Up Washers (12226) Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04305 | ----- | | 84 | 0 54647 04305 0 |
| | 04306 | ----- | | 30 | 0 54647 04306 7 |
| | 04310 | ----- | | 30 | 0 54647 04310 4 |
| | 04311 | ----- | | 30 | 0 54647 04311 1 |
| | | | | | 84 |
| SWAN WAX WITH URETHANE Wax gasket reinforced with urethane foam. Twenty times stronger than regular wax gaskets. Guaranteed 10 years. | 04330 | ----- | | 25 | 0 54647 04330 2 |

WAX GASKETS, COLD SOLDERS AND LUBRICANTS









PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|------------|-------|---------|-------------------|-----------------|
| SWAN WAX WITH URETHANE WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| Brass Bolts With Plastic Stand-Up Washers (12166) | 04335 | ----- | 48 | 30 | 0 54647 04335 7 |
| Brass Bolts With Double Nuts & Double Washers (12167) | 04336 | ----- | 48 | 30 | 0 54647 04336 4 |
| Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04340 | ----- | 48 | 30 | 0 54647 04340 1 |
| Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04341 | ----- | 48 | 30 | 0 54647 04341 8 |
| JUMBO SWAN WAX 40% more wax than regular ring. Saves labor time on installations and makes for a more positive seal. Meets Federal Specification TT-P-1536A. | | | | | |
| | 04360 | ----- | 48 | 33 | 0 54647 04360 9 |
| JUMBO SWAN WAX WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| Brass Bolts With Plastic Stand-Up Washers (12166) | 04365 | ----- | 48 | 38 | 0 54647 04365 4 |
| Brass Bolts With Double Nuts & Double Washers (12167) | 04366 | ----- | 48 | 38 | 0 54647 04366 1 |
| Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04370 | ----- | 48 | 38 | 0 54647 04370 8 |
| Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04371 | ----- | 48 | 38 | 0 54647 04371 5 |
| JUMBO SWAN WAX WITH URETHANE 40% more wax than regular ring. Wax gasket reinforced with urethane foam. Twenty times stronger than regular wax gaskets. Guaranteed 10 years. Meets Federal Specification TT-P-1536A. | | | | | |
| | 04390 | ----- | 48 | 33 | 0 54647 04390 6 |
| JUMBO SWAN WAX WITH URETHANE WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| Brass Bolts With Plastic Stand-Up Washers (12166) | 04395 | ----- | 48 | 38 | 0 54647 04395 1 |
| Brass Bolts With Double Nuts & Double Washers (12167) | 04396 | ----- | 48 | 38 | 0 54647 04396 8 |
| Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04400 | ----- | 48 | 38 | 0 54647 04400 2 |
| Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04401 | ----- | 48 | 38 | 0 54647 04401 9 |
| FLANGE & GASKET Wax gasket with plastic flange for setting closet bowls. Fits 3" and 4" waste lines. Meets Federal Specification TT-P-1536A. | | | | | |
| | 04420 | ----- | 24 | 13 | 0 54647 04420 0 |
| | **04420-12 | ----- | 12 | 7 | 0 54647 04420 0 |
| | 04420-6 | ----- | 6 | 4 | 0 54647 04420 0 |
| **12 Pack Display | | | | | |
| FLANGE & GASKET WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| Brass Bolts With Plastic Stand-Up Washers (12166) | 04425 | ----- | 24 | 18 | 0 54647 04425 5 |
| Brass Bolts With Double Nuts & Double Washers (12167) | 04426 | ----- | 24 | 18 | 0 54647 04426 2 |
| Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04430 | ----- | 24 | 18 | 0 54647 04430 9 |
| Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04431 | ----- | 24 | 18 | 0 54647 04431 6 |
| FLANGE & GASKET WITH URETHANE Wax gasket with plastic flange and reinforced with urethane foam. Twenty times stronger than regular wax gaskets. Guaranteed for ten years. Fits 3" and 4" waste lines. Meets Federal Specifications TT-P-1536A. | | | | | |
| | 04450 | ----- | 24 | 13 | 0 5464704450 7 |
| FLANGE & GASKET WITH URETHANE WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| Brass Bolts With Plastic Stand-Up Washers (12166) | 04455 | ----- | 24 | 18 | 0 54647 04455 2 |
| Brass Bolts With Double Nuts & Double Washers (12167) | 04456 | ----- | 24 | 18 | 0 54647 04456 9 |
| Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04460 | ----- | 24 | 18 | 0 54647 04460 6 |
| Brass Plated Bolts With Double Nuts & Double Washers(12227) | 04461 | ----- | 24 | 18 | 0 54647 04461 3 |











WAX GASKETS, COLD SOLDERS AND LUBRICANTS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|----------------------------------|----------------------------------|----------------------|----------------------|--|
|  <p>JUMBO FLANGE & GASKET 40% more wax than regular wax gaskets with plastic flange. Saves labor time on installations and makes for a more positive seal. Fits 3" and 4" waste lines. Meets Federal Specification TT-P-1536A.</p> | 04480 | ----- | 24 | 17 | 0 54647 04480 4 |
|  <p>JUMBO FLANGE & GASKET WITH 1/4" X 2-1/4" CLOSET BOLT KIT</p> <p>Brass Bolts With Plastic Stand-Up Washers (12166) 04485 ----- 24 22 0 54647 04485 9 Brass Bolts With Double Nuts & Double Washers (12167) 04486 ----- 24 22 0 54647 04486 6 Brass Plated Bolts With Plastic Stand-Up Washers (12226) 04490 ----- 24 22 0 54647 04490 3 Brass Plated Bolts With Double Nuts & Double Washers (12227) 04491 ----- 24 22 0 54647 04491 0</p> | 04485 04486 04490 04491 | ----- ----- ----- ----- | 24 24 24 24 | 22 22 22 22 | 0 54647 04485 9 0 54647 04486 6 0 54647 04490 3 0 54647 04491 0 |
|  <p>JUMBO FLANGE & GASKET WITH URETHANE 40% more wax than regular wax gaskets with plastic flange. Reinforced with urethane. Twenty times stronger than regular wax gaskets. Guaranteed for ten years. Fits 3" and 4" waste lines. Meets Federal Specification TT-P-1536A.</p> | 04510 | ----- | 24 | 17 | 0 54647 04510 8 |
|  <p>JUMBO FLANGE & GASKET WITH URETHANE WITH 1/4" X 2-1/4" CLOSET BOLT KIT</p> <p>Brass Bolts With Plastic Stand-Up Washers (12166) 04515 ----- 24 22 0 54647 04515 3 Brass Bolts With Double Nuts & Double Washers (12167) 04516 ----- 24 22 0 54647 04516 0 Brass Plated Bolts With Plastic Stand-Up Washers (12226) 04520 ----- 24 22 0 54647 04520 7 Brass Plated Bolts With Double Nuts & Double Washers (12227) 04521 ----- 24 22 0 54647 04521 4</p> | 04515 04516 04520 04521 | ----- ----- ----- ----- | 24 24 24 24 | 22 22 22 22 | 0 54647 04515 3 0 54647 04516 0 0 54647 04520 7 0 54647 04521 4 |
|  <p>JUMBO FLANGE & GASKET WITH URETHANE WITH 1/4" X 3-1/2" CLOSET BOLT KIT For the very difficult installations - where extra wax is needed, a stronger wax is needed and longer bolts are needed. A great choice where the floor is uneven. Meets Federal Specifications TT-P-1536A.</p> <p>*Brass Bolts With Plastic Stand-Up Washers (12171) *04530 ----- 24 22 0 54647 04530 6 **Brass Bolts With Double Nuts & Double Washers (12172) **04531 ----- 24 22 0 54647 04531 3</p> | *04530 **04531 | ----- ----- | 24 24 | 22 22 | 0 54647 04530 6 0 54647 04531 3 |
|  <p>FLANGE & GASKET - 4" Wax gasket with plastic flange for setting closet bowls. Fits 4" waste lines only. Meets Federal Specification TT-P-1536A.</p> | 04540 | ----- | 24 | 13 | 0 54647 04540 5 |
|  <p>FLANGE & GASKET - 4" WITH 1/4" X 2-1/4" CLOSET BOLT KIT</p> <p>Brass Bolts With Plastic Stand-Up Washers (12166) 04545 ----- 24 18 0 54647 04545 0 Brass Bolts With Double Nuts & Double Washers (12167) 04546 ----- 24 18 0 54647 04546 7 Brass Plated Bolts With Plastic Stand-Up Washers (12226) 04550 ----- 24 18 0 54647 04550 4 Brass Plated Bolts With Double Nuts & Double Washers (12227) 04551 ----- 24 18 0 54647 04551 1</p> | 04545 04546 04550 04551 | ----- ----- ----- ----- | 24 24 24 24 | 18 18 18 18 | 0 54647 04545 0 0 54647 04546 7 0 54647 04550 4 0 54647 04551 1 |
|  <p>FLANGE & GASKET WITH URETHANE - 4" Wax gasket with plastic flange and reinforced with urethane foam. Twenty times stronger than regular wax gaskets. Guaranteed for 10 years. Fits 4" waste lines only. Meets Federal Specification TT-P-1536A.</p> | 04570 | ----- | 24 | 13 | 0 54647 04570 2 |

WAX GASKETS, COLD SOLDERS AND LUBRICANTS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code | |
|---|---|-------|---------|-------------------|----------|-----------------|
|  | FLANGE & GASKET WITH URETHANE - 4" WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| | Brass Bolts With Plastic Stand-Up Washers (12166) | 04575 | ----- | 24 | 18 | 0 54647 04575 7 |
| | Brass Bolts With Double Nuts & Double Washers (12167) | 04576 | ----- | 24 | 18 | 0 54647 04576 4 |
| | Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04580 | ----- | 24 | 18 | 0 54647 04580 1 |
| | Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04581 | ----- | 24 | 18 | 0 54647 04581 8 |
|  | JUMBO FLANGE & GASKET - 4" 40% more wax than regular wax gasket with plastic flange. Saves labor time on installations and makes for a more positive seal. Fits 4" waste lines only. Meets Federal Specification TT-P-1536A. | | | | | |
| 04600 | ----- | 24 | 17 | 0 54647 04600 6 | | |
|  | JUMBO FLANGE & GASKET - 4" WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| | Brass Bolts With Plastic Stand-Up Washers (12166) | 04605 | ----- | 24 | 22 | 0 54647 04605 1 |
| | Brass Bolts With Double Nuts & Double Washers (12167) | 04606 | ----- | 24 | 22 | 0 54647 04606 8 |
| | Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04610 | ----- | 24 | 22 | 0 54647 04610 5 |
| | Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04611 | ----- | 24 | 22 | 0 54647 04611 2 |
|  | JUMBO FLANGE & GASKET WITH URETHANE - 4" 40% more wax than regular wax ring with plastic flange. Reinforced with urethane. Twenty times stronger than regular wax gaskets. Guaranteed for 10 years. Fits 4" waste lines only. Meets Federal Specification TT-P-1536A. | | | | | |
| 04630 | ----- | 24 | 17 | 0 54647 04630 3 | | |
|  | JUMBO FLANGE & GASKET WITH URETHANE - 4" WITH 1/4" X 2-1/4" CLOSET BOLT KIT | | | | | |
| | Brass Bolts With Plastic Stand-Up Washers (12166) | 04635 | ----- | 24 | 22 | 0 54647 04635 8 |
| | Brass Bolts With Double Nuts & Double Washers (12167) | 04636 | ----- | 24 | 22 | 0 54647 04636 5 |
| | Brass Plated Bolts With Plastic Stand-Up Washers (12226) | 04640 | ----- | 24 | 22 | 0 54647 04640 2 |
| | Brass Plated Bolts With Double Nuts & Double Washers (12227) | 04641 | ----- | 24 | 22 | 0 54647 04641 9 |
|  | URINAL GASKET Reinforced wax ring with urethane. Fits 2" outlet. Guaranteed for 10 years | | | | | |
| 04700 | ----- | 12 | 4 | 0 54647 04700 3 | | |
|  | FELT WAX RING Felt ring impregnated with wax. For setting floor and wall toilet bowls. A much stronger seal than regular wax rings. Dimensions are 5" O.D., 3" I.D. and 1" thick. | | | | | |
| 04720 | ----- | 12 | 12 | 0 54647 04720 1 | | |
|  | URINAL FELT WAX RING Felt ring impregnated with wax. For setting urinals. A much stronger seal than regular urinal ring. Dimensions are 3-3/4" O.D., 2" I.D. and 3/4" thick. | | | | | |
| 04730 | ----- | 12 | 12 | 0 54647 04730 0 | | |



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OILS AND LEAK DETECTORS











PRODUCT



| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|------------|---------|-------------------|-----------------|
| DARK CUTTING OIL Contains a high grade mineral oil and a proper balance of lard oil, sulphur, chlorine and a wetting agent. Recommended for high speed machines. | 05002 | pt. | 12 | 14 | 0 54647 05002 7 |
| | 05005 | qt. | 12 | 23 | 0 54647 05005 8 |
| | 05010 | gal. | 6 | 45 | 0 54647 05010 2 |
| | 05015 | 5 gal. | 1 | 48 | 0 54647 05015 7 |
| | 05020 | 55 gal. | 1 | 440 | 0 54647 05020 1 |
| LIGHT CUTTING OIL Contains sulphur and a heavy chlorine base. Recommended for hand-threading applications. | 05025 | pt. | 12 | 14 | 0 54647 05025 6 |
| | 05030 | qt. | 12 | 23 | 0 54647 05030 0 |
| | 05035 | gal. | 6 | 45 | 0 54647 05035 5 |
| | 05040 | 5 gal. | 1 | 48 | 0 54647 05040 9 |
| | 05045 | 55 gal. | 1 | 440 | 0 54647 05045 4 |
| AEROSOL THREAD CUTTING OIL Used on soft and hard metals. Will prolong life of die. | 05050 | 16 oz. | 12 | 15 | 0 54647 05050 8 |
| "LITTLE SQUIRT" PENETRATING OIL This product penetrates and lubricates at the same time. Will dissolve rust and prevent rust. It will make disassembling of frozen parts easy. | 05055 | 1/2 pt. | 24 | 14 | 0 54647 05055 3 |
| | 05057 | qt. | 12 | 14 | 0 54647 05057 7 |
| PENETRATING & CLEANING OIL Comes in aerosol container. Used to release rusted and frozen metal parts. By spraying this oil in the needed areas, it will penetrate much further than if it were applied by normal means. The pressure of this container forces oil and solvent into the rusty areas. | 05060 | 16 oz. | 12 | 7 | 0 54647 05060 7 |
| RPO Arust preventative oil. Preserves, protects, and lengthens life of sewer cables and augers. Contains rust inhibitors. | 05080 | qt. | 12 | 23 | 0 54647 05080 5 |
| | 05085 | gal. | 4 | 30 | 0 54647 05085 0 |
| ALL PURPOSE LUBRICATING OIL All purpose oil for use on motors, bearings and wherever metal lubrication is desired. Contains rust and corrosion preservatives. Not for use on internal combustion engines or extreme heat producing operations. • Contains Telescopic Nozzle | • 05095 | 4 fl. oz. | 24 | 7 | 0 54647 05095 9 |
| LEAK DETECTOR All purpose gas leak detector. Works on tubing, valves, cylinders, pressurized tanks, etc. May be used at temperatures between -10°F and +160°F. Non-toxic, biodegradable and non-corrosive. • Dauber In Cap •• Sprayer | 05140 | 3 ml. | 50 | 2 | 0 54647 05140 6 |
| | 05145 | 1 fl. oz. | 24 | 3 | 0 54647 05145 1 |
| | • 05150 | 1/2 pt. | 6 | 4 | 0 54647 05150 5 |
| | •• 05160 | 22 fl. oz. | 12 | 20 | 0 54647 05160 4 |
| | 05170 | gal. | 6 | 48 | 0 54647 05170 3 |
| LEAK TRACER A powdered dye, when added to water the result is an intensely fluorescent liquid. Ideal for tracing underground streams and water leaks | 05190 | 3 oz. | 12 | 5 | 0 54647 05190 1 |
| TOILET TANK LEAK DETECTOR A small blue dye tablet used to detect leaks in a toilet tank. This product comes packed 200 per bottle. Drop tablet in toilet tank and if water in toilet bowl turns blue, a leak is present and repairs are needed. Works quickly, showing results within minutes. Contains FDA certified non-toxic dyes. | 05210 | ----- | 4 | 5 | 0 54647 05210 6 |

BOILER AND HEATING SYSTEM COMPOUNDS

PRODUCT



| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|---|---|-------------------------|----------------------------|---|
|  <p>LIQUID BOILER STOP-LEAK This excellent product is harmless to metals. Makes lasting repairs on steam or hot water boilers. Will not clog system or controls. No shut downs. Just pour it in.</p> | 06000 | qt. | 12 | 34 | 0 54647 06000 2 |
|  <p>POWDERED BOILER STOP-LEAK Free flowing powder. Makes lasting repairs on steam or hot water boilers. Will not clog systems or controls. No shut downs. Just pour in.</p> | 06005 | 1 lb. | 12 | 15 | 0 54647 06005 7 |
|  <p>LIQUID BOILER CLEANER Prevents clogging of automatic hot water valves, removes impurities and thus water becomes clear; removes sludge. Ideal for steam and hot water boilers. Guaranteed to stop surge within 10 minutes. Contains inhibitor. It is not necessary to drain boiler.</p> | 06010 06012 06013 | qt. gal. 5 gal. | 12 6 1 | 30 58 48 | 0 54647 06010 1 0 54647 06012 5 0 54647 06013 2 |
|  <p>POWDERED FORM BOILER CLEANER For use on steam boilers; requires no draining. Will save fuel and stop pipe noise. This product may be added to the boiler at any time of the year. It contains an inhibitor. Removes all free foreign matter and protects the boiler and accessories from corrosion. It removes the oil and sludge from the boiler.</p> | 06015 | 1 lb. | 12 | 13 | 0 54647 06015 6 |
|  <p>FURNACE & RETORT CEMENT Used for setting and repairing furnaces, boilers, stoves and heaters. Fireproof and acid proof.</p> | 06020 06022 06025 06026 06027 | 1/2 pt. pt. qt. 1/2 gal. gal. | 12 12 6 6 4 | 14 32 24 44 60 | 0 54647 06020 0 0 54647 06022 4 0 54647 06025 5 0 54647 06026 2 0 54647 06027 9 |
|  <p>FREEZE-GUARD Non-toxic anti-freeze used to prevent freezing in heating, cooling, fresh water systems. Contains propylene glycol and corrosion inhibitors. Ready to use formula. Provides freeze protection to 0° F and burst protection to -60° F.</p> | 06050 06055 06060 | gal. 5 gal. 55 gal. | 6 1 1 | 53 43 506 | 0 54647 06050 7 0 54647 06055 2 0 54647 06060 6 |
|  <p>FREEZE-GUARD AG Non-toxic anti-freeze used to prevent freezing in heating, cooling, fresh water systems. Contains propylene glycol and corrosion inhibitors. Concentrated formula for Arctic Grade weather. Can be diluted for normal applications. Provides freeze protection to -60° F and burst protection to -100° F.</p> | 06065 06070 06075 | gal. 5 gal. 55 gal. | 6 1 1 | 53 43 506 | 0 54647 06065 1 0 54647 06070 5 0 54647 06075 0 |
|  <p>FREEZE-GUARD AG-ALUMINUM Non-toxic anti-freeze used to prevent freezing in heating, cooling, fresh water systems. Contains propylene glycol and corrosion inhibitors. Concentrated formula for Arctic Grade weather. Can be diluted for normal applications. Provides freeze protection to -60° F and burst protection to -100° F. Specially formulated to be used on systems with aluminum parts.</p> | 06080 06085 | 5 gal. 55 gal. | 1 1 | 43 506 | 0 54647 06080 4 0 54647 06085 9 |
|  <p>FREEZE-GUARD SUB - ARCTIC A 100% propylene glycol solution with corrosion inhibitors. Can be diluted with water to achieve the desired level of freeze and burst protection.</p> | 06090 06095 | 5 gal. 55 gal. | 1 1 | 45 522 | 0 54647 06090 3 0 54647 06095 8 |
|  <p>FREEZE-GUARD INHIBITOR An additive to recharge the inhibitor levels in your Freeze-Guard systems. It extends the life of the anti-freeze solution and the system itself.</p> | 06110 | 1/2 pt. | 6 | 4 | 0 54647 06110 8 |

CATEGORY

6
CONTINUED

BOILER AND HEATING SYSTEM COMPOUNDS

PRODUCT





| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|-------|-----------|-------------------|-----------------|
|  <p>FREEZE-GUARD TEST STRIPS Used to test inhibitor levels and freeze and burst protection in the Freeze-Guard solutions.</p> | 06115 | ----- | 50 strips | 1 | 0 54647 06115 3 |
|  <p>FREEZE-GUARD REFRACTOMETER Tool used to check freeze protection of Freeze-Guard solutions. Portable and rugged, easy to read scales and waterproof design to eliminate condensation on the optics.</p> | 06120 | ----- | 1 | 2 | 0 54647 06120 7 |

CATEGORY

7

PLASTIC PIPE CEMENTS

PRODUCT

| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|--|--|--|---|---|
|  <p>PVC CEMENT (CLEAR) – REGULAR BODIED Medium to fast setting cement. For PVC pipe and fittings up to 4" schedule 40 and 2" schedule 80. NSF Certified. Meets ASTM D-2564. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. • Dauber In Cap •• Jumbo Dauber In Cap * Cut Case</p> | <ul style="list-style-type: none"> •07000 *07000CC •07005 ••07010 ••07015 07020 07025 | <ul style="list-style-type: none"> 1/4 pt. 1/4 pt. 1/2 pt. pt. qt. gal. 55 gal. | <ul style="list-style-type: none"> 24 24 24 12 12 6 1 | <ul style="list-style-type: none"> 10 10 16 15 27 46 450 | <ul style="list-style-type: none"> 0 54647 07000 1 0 54647 07000 1 0 54647 07005 6 0 54647 07010 0 0 54647 07015 5 0 54647 07020 9 0 54647 07025 4 |
|  <p>PVC CEMENT (CLEAR) – MEDIUM BODIED Medium setting cement. For PVC pipe and fittings up to 6" schedule 40 and 4" schedule 80. NSF Certified. Meets ASTM D-2564. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. •Dauber In Cap ••Jumbo Dauber In Cap</p> | <ul style="list-style-type: none"> •07030 •07032 ••07034 ••07036 07038 07040 | <ul style="list-style-type: none"> 1/4 pt. 1/2 pt. pt. qt. gal. 55 gal. | <ul style="list-style-type: none"> 24 24 12 12 6 1 | <ul style="list-style-type: none"> 10 16 15 27 46 450 | <ul style="list-style-type: none"> 0 54647 07030 8 0 54647 07032 2 0 54647 07034 6 0 54647 07036 0 0 54647 07038 4 0 54647 07040 7 |
|  <p>PVC CEMENT (CLEAR) – HEAVY BODIED Slow setting cement. For PVC pipe and fittings up to 12" schedule 40 and 80 and up to 18" on non-pressure systems. NSF Certified. Meets ASTM D-2564. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. •Dauber In Cap ••Jumbo Dauber In Cap</p> | <ul style="list-style-type: none"> •07048 •07049 ••07050 ••07055 07056 | <ul style="list-style-type: none"> 1/4 pt. 1/2 pt. pt. qt. gal. | <ul style="list-style-type: none"> 24 24 12 12 6 | <ul style="list-style-type: none"> 10 16 15 27 46 | <ul style="list-style-type: none"> 0 54647 07048 3 0 54647 07049 0 0 54647 07050 6 0 54647 07055 1 0 54647 07056 8 |
|  <p>PVC-FLEX CEMENT (CLEAR) - MEDIUM BODIED Medium setting cement. For all flexible and ridged PVC pipe and fittings up to 3". Formulated to withstand the pressure and vibrations associated with flexible piping. Also, very good to work on pool and spa piping systems. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. •Dauber In Cap ••Jumbo Dauber In Cap</p> | <ul style="list-style-type: none"> •07058 •07059 ••07060 ••07061 | <ul style="list-style-type: none"> 1/4 pt. 1/2 pt. pt. qt. | <ul style="list-style-type: none"> 24 24 12 12 | <ul style="list-style-type: none"> 10 16 15 27 | <ul style="list-style-type: none"> 0 54647 07058 2 0 54647 07059 9 0 54647 07060 5 0 54647 07061 2 |

PLASTIC PIPE CEMENTS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|---------|---------|-------------------|-----------------|
|  <p>ALL WEATHER PVC CEMENT (CLEAR) - MEDIUM BODIED Fast setting cement. For PVC pipe and fittings up to 6" schedule 40 and up to 4" schedule 80. NSF Certified. Meets ASTM D-2564. For applications as low as -5°F and as high as 110°F. For a good bond we recommend that our Clear or Purple Primer be used. If local code permits, can be used without primer on non-pressure systems. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>••Jumbo Dauber In Cap</p> | •• 07070 | pt. | 12 | 15 | 0 54647 07070 4 |
| | •• 07075 | qt. | 12 | 27 | 0 54647 07075 9 |
| | 07076 | gal. | 6 | 46 | 0 54647 07076 6 |
| | | | | | |
|  <p>WET-OR-DRY PVC CEMENT (BLUE) – MEDIUM BODIED Extremely fast setting cement for wet conditions and quick pressurization. For PVC pipe and fittings up to 6" schedule 40 and up to 4" schedule 80. NSF Certified. Meets ASTM-D-2564. For a good bond we recommend our Clear or Purple primer be used. If local code permits, can be used without primer on non-pressure systems. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>•Dauber In Cap ••Jumbo Dauber In Cap * Cut Case</p> | • 07078 | 1/4 pt. | 24 | 10 | 0 54647 07078 0 |
| | *07078CC | 1/4 pt. | 24 | 10 | 0 54647 07078 0 |
| | • 07079 | 1/2 pt. | 24 | 16 | 0 54647 07079 7 |
| | •• 07080 | pt. | 12 | 15 | 0 54647 07080 3 |
| | •• 07081 | qt. | 12 | 27 | 0 54647 07081 0 |
| | 07082 | gal. | 6 | 46 | 0 54647 07082 7 |
| | 07083 | 55 gal. | 1 | 457 | 0 54647 07083 4 |
| | | | | | |
|  <p>PVC CEMENT (GRAY) – MEDIUM BODIED Medium setting cement. For PVC pipe and fittings up to 6" schedule 40 and 4" schedule 80. NSF Certified. Meets ASTM D-2564. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>• Dauber In Cap •• Jumbo Dauber In Cap</p> | • 07084 | 1/4 pt. | 24 | 10 | 0 54647 07084 1 |
| | • 07085 | 1/2 pt. | 24 | 16 | 0 54647 07085 8 |
| | •• 07086 | pt. | 12 | 15 | 0 54647 07086 5 |
| | •• 07087 | qt. | 12 | 27 | 0 54647 07087 2 |
| | 07088 | gal. | 6 | 46 | 0 54647 07088 9 |
| | | | | | |
|  <p>PVC CEMENT (GRAY) – HEAVY BODIED Slow setting cement. For PVC pipe and fittings up to 12" schedule 40 and 80 and up to 18" on non-pressure systems. NSF Certified. Meets ASTM D-2564. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>• Dauber In Cap •• Jumbo Dauber In Cap</p> | • 07092 | 1/4 pt. | 24 | 10 | 0 54647 07092 6 |
| | • 07093 | 1/2 pt. | 24 | 16 | 0 54647 07093 3 |
| | •• 07094 | pt. | 12 | 15 | 0 54647 07094 0 |
| | •• 07095 | qt. | 12 | 27 | 0 54647 07095 7 |
| | 07100 | gal. | 6 | 46 | 0 54647 07100 8 |
| | | | | | |
|  <p>ALL PURPOSE CEMENT (CLEAR) – MEDIUM BODIED Medium to fast setting cement. For PVC, ABS and CPVC pipe and fittings up to 6" schedule 40 and up to 4" schedule 80. Meets ASTM D-2564 and F-493. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>• Dauber In Cap •• Jumbo Dauber In Cap * Cut Case</p> | • 07105 | 1/4 pt. | 24 | 10 | 0 54647 07105 3 |
| | *07105CC | 1/4 pt. | 24 | 10 | 0 54647 07105 3 |
| | • 07110 | 1/2 pt. | 24 | 16 | 0 54647 07110 7 |
| | •• 07115 | pt. | 12 | 15 | 0 54647 07115 2 |
| | •• 07120 | qt. | 12 | 27 | 0 54647 07120 6 |
| | 07125 | gal. | 6 | 46 | 0 54647 07125 1 |
| | | | | | |
|  <p>TRANSITION CEMENT (GREEN) - MEDIUM BODIED Medium setting cement. For connecting ABS to PVC pipe and fittings up to 6" at the non-pressure transition joints. For a good bond we recommend that our Clear or Purple Primer be used on the PVC side of the connection. Shelf life is limited to 2 years from date on can. A LOW VOC formulation.</p> <p>• Dauber In Cap •• Jumbo Dauber In Cap</p> | • 07130 | 1/4 pt. | 24 | 10 | 0 54647 07130 5 |
| | • 07132 | 1/2 pt. | 24 | 16 | 0 54647 07132 9 |
| | •• 07134 | pt. | 12 | 15 | 0 54647 07134 3 |
| | •• 7136 | qt. | 12 | 27 | 0 54647 07136 7 |
| | | | | | |

PLASTIC PIPE CEMENTS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|--|---|---------|-------------------|-----------------|
| CPVC CEMENT (ORANGE) – MEDIUM BODIED Medium to fast setting cement. For CPVC pipe and fittings up to 6" schedule 40 and up to 4" schedule 80. For cold and hot potable water to 180°F (82°C). NSF Certified. Meets ASTM D-2846 and F-493. For a good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. | <ul style="list-style-type: none"> • 07185 • 07190 •• 07195 •• 07200 07205 07210 | 1/4 pt. | 24 | 10 | 0 54647 07185 5 |
| | | 1/2 pt. | 24 | 16 | 0 54647 07190 9 |
| | | pt. | 12 | 15 | 0 54647 07195 4 |
| | | qt. | 12 | 27 | 0 54647 07200 5 |
| | | gal. | 6 | 46 | 0 54647 07205 0 |
| | | 55 gal. | 1 | 450 | 0 54647 07210 4 |
| <ul style="list-style-type: none"> • Dauber In Cap •• Jumbo Dauber In Cap | | | | | |
| CPVC CEMENT ONE STEP (RED) - MEDIUM BODIED A fast setting cement. For use on CPVC fire sprinkler piping systems through 3" diameter. For a good bond we recommend that our Clear or Purple Primer be used. If local code permits, can be used without primer. NSF Certified. Meets ASTM D-2846 and ASTM F-493. A LOW VOC formulation. | <ul style="list-style-type: none"> •• 07215 | pt. | 12 | 15 | 0 54647 07215 9 |
| <ul style="list-style-type: none"> •• Jumbo Dauber In Cap | | | | | |
| CPVC CEMENT ONE STEP (YELLOW) - MEDIUM BODIED A fast setting cement. For copper tube size CPVC pipe and fittings up to 2" diameter. For cold and hot potable water to 180°F (82°C). For use on FlowGuard®Gold CPVC systems. For a good bond we recommend that our Clear or Purple Primer be used. If local code permits, can be used without primer on non-pressure systems. NSF Certified. Meets ASTM D-2846 and F-493. (FlowGuard®Gold is a registered trademark of The Lubrizol Corporation.) A LOW VOC formulation. | <ul style="list-style-type: none"> • 07220 • 07222 • 07224 • 07226 | 1/4 pt. | 24 | 10 | 0 54647 07220 3 |
| | | 1/2 pt. | 24 | 16 | 0 54647 07222 7 |
| | | pt. | 12 | 15 | 0 54647 07224 1 |
| | | qt. | 12 | 27 | 0 54647 07226 5 |
| | | <ul style="list-style-type: none"> • Dauber in Cap | | | |
| CPVC CEMENT (ORANGE) - HEAVY BODIED Slow setting cement. For CPVC pipe and fittings up to 12" schedule 40 and schedule 80. For cold and hot potable water to 180° F (82° C). NSF Certified. Meets ASTM D-2846 and F-493. For good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. | <ul style="list-style-type: none"> • 07230 • 07231 •• 07232 •• 07233 | 1/4 pt. | 24 | 10 | 0 54647 07230 2 |
| | | 1/2 pt. | 24 | 16 | 0 54647 07231 9 |
| | | pt. | 12 | 15 | 0 54647 07232 6 |
| | | qt. | 12 | 27 | 0 54647 07233 3 |
| | | <ul style="list-style-type: none"> • Dauber in Cap •• Jumbo Dauber In Cap | | | |
| CPVC CEMENT (GRAY) - HEAVY BODIED Slow setting cement. For CPVC pipe and fittings up to 12" schedule 40 and 80 and up to 18" schedule 80. For cold and hot potable water to 180° F (82° C). NSF Certified. Meets ASTM D-2846 and F-493. For good bond we recommend that our Clear or Purple Primer be used. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. | <ul style="list-style-type: none"> • 07240 • 07241 •• 07242 •• 07243 | 1/4 pt. | 24 | 10 | 0 54647 07240 1 |
| | | 1/2 pt. | 24 | 16 | 0 54647 07241 8 |
| | | pt. | 12 | 15 | 0 54647 07242 5 |
| | | qt. | 12 | 27 | 0 54647 07243 2 |
| | | <ul style="list-style-type: none"> • Dauber in Cap •• Jumbo Dauber In Cap | | | |
| ABS CEMENT (BLACK) – MEDIUM BODIED Medium bodied cement. For ABS pipe and fittings up to 8" diameter. NSF Certified. Meets ASTM D-2235. Shelf life is limited to 2 years from date on can. A LOW VOC formulation. | <ul style="list-style-type: none"> • 07260 • 07265 •• 07270 •• 07275 07280 07285 | 1/4 pt. | 24 | 10 | 0 54647 07260 9 |
| | | 1/2 pt. | 24 | 16 | 0 54647 07265 4 |
| | | pt. | 12 | 15 | 0 54647 07270 8 |
| | | qt. | 12 | 27 | 0 54647 07275 3 |
| | | gal. | 6 | 46 | 0 54647 07280 7 |
| | | 5 gal. | 1 | 40 | 0 54647 07285 2 |
| <ul style="list-style-type: none"> • Dauber in Cap •• Jumbo Dauber In Cap | | | | | |

CATEGORY

7

CONTINUED

PLASTIC PIPE CEMENTS

PRODUCT



ABS CEMENT (YELLOW) - MEDIUM BODIED
 Medium bodied cement. For ABS pipe and fittings up to 8" diameter. Specially formulated for sewer and drain, waste and vent systems. NSF Certified. Meets ASTM D-2235. Shelf life is limited to 2 years from date on can. A low VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 07300 | 1/4 pt. | 24 | 10 | 0 54647 07300 2 |
| • 07305 | 1/2 pt. | 24 | 16 | 0 54647 07305 7 |
| •• 07310 | pt. | 12 | 15 | 0 54647 07310 1 |
| •• 07315 | qt. | 12 | 27 | 0 54647 07315 6 |
| 07320 | gal. | 6 | 46 | 0 54647 07320 0 |

CATEGORY

8

PLASTIC PIPE PRIMERS AND CLEANERS

PRODUCT



ALL PURPOSE PRIMER / CLEANER (PURPLE)
 Used to soften and prepare all PVC and CPVC pipe and fittings prior to application of solvent cement. Helps secure bonding of surfaces. A LOW VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 08000 | 1/4 pt. | 24 | 8 | 0 54647 08000 0 |
| • 08005 | 1/2 pt. | 24 | 14 | 0 54647 08005 5 |
| • 08010 | pt. | 12 | 14 | 0 54647 08010 9 |
| •• 08015 | qt. | 12 | 25 | 0 54647 08015 4 |
| •• 08020 | gal. | 6 | 45 | 0 54647 08020 8 |
| 08025 | 55 gal. | 1 | 370 | 0 54647 08025 3 |



ALL PURPOSE PRIMER / CLEANER (CLEAR)
 Used to soften and prepare all PVC and CPVC pipe and fittings prior to application of solvent cement. Helps secure bonding of surfaces. A LOW VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 08030 | 1/4 pt. | 24 | 8 | 0 54647 08030 7 |
| • 08035 | 1/2 pt. | 24 | 14 | 0 54647 08035 2 |
| •• 08040 | pt. | 12 | 14 | 0 54647 08040 6 |
| •• 08045 | qt. | 12 | 25 | 0 54647 08045 1 |
| 08050 | gal. | 6 | 45 | 0 54647 08050 5 |



PURPLE PRIMER
 Used to soften and prepare all PVC and CPVC pipe and fittings prior to application of solvent cement. Helps secure bonding of surfaces. A stronger formulation than All Purpose Primer/Cleaner. NSF Certified. Meets ASTM F-656. A LOW VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 08100 | 1/4 pt. | 24 | 8 | 0 54647 08100 7 |
| • 08105 | 1/2 pt. | 24 | 14 | 0 54647 08105 2 |
| •• 08110 | pt. | 12 | 14 | 0 54647 08110 6 |
| •• 08115 | qt. | 12 | 25 | 0 54647 08115 1 |
| 08120 | gal. | 6 | 45 | 0 54647 08120 5 |



CLEAR PRIMER
 Used to soften and prepare all PVC and CPVC pipe and fittings prior to application of solvent cement. Helps secure bonding of surfaces. A stronger formulation than All Purpose Primer/Cleaner. NSF Certified. Meets ASTM F-656. A LOW VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 08130 | 1/4 pt. | 24 | 8 | 0 54647 08130 4 |
| • 08135 | 1/2 pt. | 24 | 14 | 0 54647 08135 9 |
| •• 08140 | pt. | 12 | 14 | 0 54647 08140 3 |
| •• 08145 | qt. | 12 | 25 | 0 54647 08145 8 |
| 08150 | gal. | 6 | 45 | 0 54647 08150 2 |



CLEAR CLEANER
 Used to prepare PVC, CPVC, ABS and Styrene pipe and fittings for bonding. A LOW VOC formulation.
 • Dauber in Cap •• Jumbo Dauber In Cap

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-----------|---------|---------|-------------------|-----------------|
| • 08230 | 1/4 pt. | 24 | 8 | 0 54647 08230 1 |
| • 08235 | 1/2 pt. | 24 | 14 | 0 54647 08235 6 |
| •• 08240 | pt. | 12 | 14 | 0 54647 08240 0 |
| •• 08245 | qt. | 12 | 25 | 0 54647 08245 5 |
| 08250 | gal. | 6 | 45 | 0 54647 08250 9 |

CATEGORY

8

PLASTIC PIPE PRIMERS AND CLEANERS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-------------------|--------------------|---------|-------------------|------------------------------------|
| COMBO PACK NO.1 PVC CEMENT (CLEAR) - REGULAR BODIED AND PURPLE PRIMER Combo pack of one 1/4 pt. can of PVC Cement (Clear) - Regular Bodied Cement along with one 1/4 pt. can of Purple Primer. Ideal quantity for small jobs. * Cut Case | 08420 *08420CC | 1/4 pt. 1/4 pt. | 6 24 | 6 18 | 0 54647 08420 6 0 54647 08420 6 |
| COMBO PACK NO. 2 WET-OR-DRY CEMENT (BLUE) MEDIUM BODIED AND PURPLE PRIMER Combo pack of one 1/4 pt. can of Wet-or-Dry Cement (Blue) along with one 1/4 pt. can of Purple Primer. Ideal quantity for small jobs. * Cut Case | 08440 *08440CC | 1/4 pt. 1/4 pt. | 6 24 | 6 18 | 0 54647 08440 4 0 54647 08440 4 |
| COMBO PACK NO. 3 ALL PURPOSE CEMENT (CLEAR) MEDIUM BODIED AND CLEAR CLEANER Combo pack of one 1/4 pt. can of 3 Way Cement along with one 1/4 pt. can of Clear Cleaner. Ideal for small jobs. * Cut Case | 08460 *08460CC | 1/4 pt. 1/4 pt. | 6 24 | 6 18 | 0 54647 08460 2 0 54647 08460 2 |

CATEGORY

9

DRAIN AND WASTE SYSTEM CLEANERS











PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|----------------|-------------|---------|-------------------|------------------------------------|
| ROOT DESTROYER A combination of chemicals which will decompose root growths and dissolve grease, hair, vegetables and other organic matter that impedes the normal flow of water in sewers. EPA Reg. No. 73385-1. EPA Est. No. 041871-IL-001. | 09000 | 2 lb. | 6 | 15 | 0 54647 09000 9 |
| | 09002 | 5 lb. | 6 | 34 | 0 54647 09002 3 |
| | 09005 | 25 lb. | 1 | 30 | 0 54647 09005 4 |
| DAGGER A scientifically blended formulation of hydrochloric acid, metal corrosion inhibitors and a strong anti-foam suppressant. Can be used to dissolve rust, scale and lime deposits on equipment and on piping of plumbing, heating, processing, air conditioning and water systems. Can be used on iron, copper, brass, bronze, steel, lead, plastic, china and acid resistant enamelware. Can also be used to clear obstructions of plaster and concrete. | 09010 | qt. | 12 | 34 | 0 54647 09010 8 |
| | 09015 | gal. | 4 | 40 | 0 54647 09015 3 |
| MURIATIC ACID 20° Used to remove rust stains from toilet fixtures and the cleaning of toilet bowls. Will remove rust from many metals and can remove oxide from copper fittings and pipe. | 09017 09018 | qt. gal. | 12 4 | 32 40 | 0 54647 09017 7 0 54647 09018 4 |










DRAIN AND WASTE SYSTEM CLEANERS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|--|----------|---------|-------------------|-----------------|
|  | ZAP DRAIN PIPE OPENER A powerful sulfuric acid. This product is ideal for dissolving organic matter, melting heavy grease deposits, and opening clogged drains. RECOMMENDED FOR EXPERIENCED MAINTENANCE PERSONNEL. | | | | |
| | 09020 | qt. | 12 | 49 | 0 54647 09020 7 |
| | 09025 | 1/2 gal. | 6 | 45 | 0 54647 09025 2 |
| | 09026 | gal. | 4 | 60 | 0 54647 09026 9 |
|  | ONE—SHOT A unique sulfuric acid drain pipe opener. This product contains extra solvents that limit the terrible odor associated with most other sulfuric acids and these solvents also dissolve materials that sulfuric acid does not (Styrofoam and other polymeric materials). This product is revolutionary. RECOMMENDED FOR EXPERIENCED MAINTENANCE PERSONNEL. | | | | |
| 09028 | pt. | 12 | 23 | 0 54647 09028 3 | |
|  | LIQUID DRAIN PIPE OPENER Contains potassium and sodium hydroxide. Ideal for use with clogged or sluggish drains. | | | | |
| | 09030 | qt. | 12 | 32 | 0 54647 09030 6 |
| | 09031 | 1/2 gal. | 6 | 34 | 0 54647 09031 3 |
| | 09032 | gal. | 4 | 48 | 0 54647 09032 0 |
|  | HEAVY DUTY LIQUID DRAIN PIPE OPENER Three times stronger than regular Liquid Drain Pipe Opener. For the tough jobs. | | | | |
| | 09036 | qt. | 12 | 40 | 0 54647 09036 8 |
| | 09037 | 1/2 gal. | 6 | 40 | 0 54647 09037 5 |
| | 09038 | gal. | 4 | 52 | 0 54647 09038 2 |
|  | LIQUID BUILD-UP REMOVER A bio-enzymatic formulation consisting of a synergistic blend of four selected Bacillus microorganisms. This formulation liquefies, digests and removes organic deposits from slow running drain lines. | | | | |
| | 09042 | qt. | 12 | 40 | 0 54647 09042 9 |
| | 09043 | gal. | 4 | 52 | 0 54647 09043 6 |
| | 09044 | 30 gal. | 1 | 390 | 0 54647 09044 3 |
|  | HEAVY DUTY LIQUID BUILD-UP REMOVER Five times faster and stronger than regular Liquid Build-Up Remover. Contains 50 billion active enzyme producing units per quart. One of the strongest biological products on the market today. | | | | |
| | 09045 | qt. | 12 | 40 | 0 54647 09045 0 |
| | 09046 | 1/2 gal. | 6 | 42 | 0 54647 09046 7 |
| | 09047 | gal. | 4 | 56 | 0 54647 09047 4 |
| | 09048 | 5 gal. | 1 | 70 | 0 54647 09048 1 |
|  | POWDERED BUILD-UP REMOVER A blend of bacteria and enzymes. Dissolves grease, oils and fats. Ideal for maintenance purposes. Environmentally safe. | | | | |
| | 09050 | 10 oz. | 12 | 10 | 0 54647 09050 4 |
| | 09052 | 25 lb. | 1 | 26 | 0 54647 09052 8 |
|  | IMPACT Dissolves grease in drains, grease traps, septic tanks, cesspools, and dry wells. Not recommended for use in toilet bowls. | | | | |
| | 09055 | qt. | 12 | 29 | 0 54647 09055 9 |
| | 09060 | gal. | 6 | 37 | 0 54647 09060 3 |
| | 09062 | 5 gal. | 1 | 66 | 0 54647 09062 7 |
| | 09063 | 55 gal. | 1 | 618 | 0 54647 09063 4 |
|  | BIO-BRICK A solid, bacterial laden brick for use in degrading organic waste grease traps. The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems. This unique brick will gradually dissolve over a 90 day period which allows for continuous treatment and degradation of waste. This naturally occurring bacteria contained in the block will reduce odor, sludge, fats, oils and grease build-up. | | | | |
| 09080 | 10 lb. | 4 | 40 | 0 54647 09080 1 | |
|  | BIO-TABS Uniquely formulated, multiple enzymatic tablets that liquefies and speeds digestion of solid waste in any self-contained system. Also helps to eliminate odors. Easy to use. Each tablet bagged separately. | | | | |
| 09100 | ----- | 16 | 2 | 0 54647 09100 6 | |

DRAIN AND WASTE SYSTEM CLEANERS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code | | |
|---|---|--|--|--|-------------------------------|----------------------------------|--|
|  | SEPTIC TANK ACTIVATOR A powdered blend of bacteria and enzymes developed to restore the bacterial action in your septic tank or cesspool. Also helps treat difficult-to-degrade and non-biodegradable compounds such as unprocessed greases, surfactants, cellulose, hydrocarbons and much more. Comes in eight 2 oz. pre-measured water soluble packets per container. | 09130 | 16 oz. | 12 | 15 | 0 54647 09130 3 | |
| |  | SEPTIC TANK TREATMENT A liquid bacterial blend that helps the break down of sewage waste in septic tanks. Contains no chemicals that can harm your septic system. Helps prevent clogging of inlets and outlets. This product is a preventative maintenance treatment. | 09135 09140 | qt. 1/2 gal. | 12 6 | 40 40 | 0 54647 09135 8 0 54647 09140 2 |
|  | | SEPTIC SYSTEM CLEANER A liquid bacterial blend that will attack clogged or sluggish systems. Works in septic tanks, cesspools, and drain fields. Contains no harsh chemicals. | 09145 | qt. | 12 | 35 | 0 54647 09145 7 |
| |  | DYNAMIC DUO A combo pack of Black Swan Heavy Duty Liquid Drain Pipe Opener (Stock No. 09036) and Black Swan Power Crystals (Stock No. 09175). Used together these products are an incredibly strong drain pipe opener. | 09150 | ----- | 6 | 28 | 0 54647 09150 1 |
|  | | POWER FLAKES Drain pipe opener in flake form. Contains sodium hydroxide. Can be used with hot water. A superior drain pipe opener. | 09160 09170 | 1 lb. 2 lb. | 12 12 | 13 26 | 0 54647 09160 0 0 54647 09170 9 |
| |  | POWER CRYSTALS A powdered blend of sodium hydroxide, sodium nitrate and an aluminum alloy designed for cleaning clogged drain pipes due to grease, hair, lint, paper, food scraps, and all organic material. Will not harm plumbing fixtures, porcelain or septic systems. *Cut Case | 09175 *09175CC 09177 09179 09181 09183 | 1 lb. 1 lb. 2 lb. 6 lb. 25 lb. 50 lb. | 12 12 12 4 1 1 | 13 13 26 25 26 52 | 0 54647 09175 4 0 54647 09175 4 0 54647 09177 8 0 54647 09179 2 0 54647 09181 5 0 54647 09183 9 |
|  | | BACTERIAL DRAIN & TRAP CLEANER A powdered blend of bacteria and enzymes that will reopen slow or sluggish drains. Will not harm the bacteria in septic systems. Can be used in sinks, tubs, shower drains, toilets and garbage disposals. | 09190 | 40 oz. | 12 | 35 | 0 54647 09190 7 |
| | |  | LIQUID DRAIN COVER Many times there are "bad" smells coming from basement drains. This means sewer gases are finding their way through the pipes and into the living area. Liquid Drain Cover is a special blend of oils and chemicals that can be poured into the drain and cover up this odor and in situations even eliminate the odor. | 09240 09245 | qt. gal. | 12 6 | 23 50 |
|  | | | ICE IN THE PIPES - NOT NICE! Liquid product that melts ice on contact. Ideal for ice in pipe lines. Not dangerous or toxic. Can be used on any situation where ice needs to be removed - on driveways, roads, equipment, etc. | 09260 09265 09270 | qt. gal. 5 gal | 12 6 1 | 30 60 63 |

CATEGORY

9

CONTINUED

DRAIN AND WASTE SYSTEM CLEANERS

PRODUCT



DRAINSTAR - HEAVY DUTY LIQUID DRAIN & SEWER OPENER
A powerful potassium and sodium hydroxide drain opener. Dissolves organic matter, hair, grease, paper and lint. Use regularly to clean drains, traps, septic tanks and cesspools.

| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|-------------|----------|---------|-------------------|-----------------|
| 09300 | qt. | 12 | 40 | 0 54647 09300 0 |
| 09310 | 1/2 gal. | 6 | 46 | 0 54647 09310 9 |
| 09320 | gal. | 4 | 52 | 0 54647 09320 8 |
| ZAP+ | | | | |
| 09330 | pt. | 12 | 23 | 0 54647 09330 7 |
| 09335 | qt. | 12 | 49 | 0 54647 09335 2 |
| 09340 | 1/2 gal. | 6 | 45 | 0 54647 09340 6 |
| 09345 | gal. | 4 | 60 | 0 54647 09345 1 |



ZAP+
A buffered sulfuric acid drain pipe opener. Safer for use than regular sulfuric acid drain pipe opener. If Zap+ touches skin, the end user has more time to wash product off before injury occurs. This product also creates less heat and can safely be used in toilet bowls with no fear of cracking the toilet bowl. The product is ideal for dissolving organic matter, melting heavy grease deposits and opening clogged drains.

CATEGORY

10

CLOTH AND ACCESSORY ITEMS

PRODUCT



SAND CLOTH
A high grade, 120 grit, aluminum oxide water resistant cloth. Ideal for cleaning and polishing copper tubing and fittings as well as many other plumbing applications.

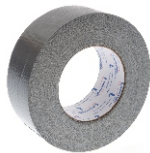
| Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|--|---------|-------------------|-----------------|
| 10000 | 1-1/2' x 10 yds. | 24 | 17 | 0 54647 10000 5 |
| 10002 | 1-1/2' x 2 yds. | 12 | 1 | 0 54647 10002 9 |
| 10005 | 1-1/2' x 5 yds. | 24 | 7 | 0 54647 10005 0 |
| 10010 | 1-1/2' x 25 yds. | 12 | 13 | 0 54647 10010 4 |
| SCREEN CLOTH | | | | |
| 10020 | 1-1/2' x 5 yds. | 24 | 7 | 0 54647 10020 3 |
| 10025 | 1-1/2' x 10 yds. | 24 | 17 | 0 54647 10025 8 |
| 10030 | 1-1/2' x 25 yds. | 12 | 13 | 0 54647 10030 2 |
| WATERPROOFING REPAIR TAPE | | | | |
| 10050 | 1.89' x 10.9 yds. | 24 | 48 | 0 54647 10050 0 |
| DUCT TAPE | | | | |
| | A polyethylene coated cloth backed tape has excellent adhesion and tack. High tensile strength and conforms well to irregular surfaces. Ideal for sealing duct work, general purpose packaging and masking PVC pipe. Thickness is 9 mil. | | | |
| Silver ← 10055 | 2" x 60 yds. | 24 | 50 | 0 54647 10055 5 |
| Black ← 10056 | 2" x 60 yds. | 24 | 50 | 0 54647 10056 2 |
| Red ← 10057 | 2" x 60 yds. | 24 | 50 | 0 54647 10057 9 |
| CAULKING GUN | | | | |
| 10060 | ----- | 6 | 7 | 0 54647 10060 9 |
| CANVAS GLOVES - Excellent quality, durable. | | | | |
| 10065 | 8 oz. | 12 | 1 | 0 54647 10065 4 |
| 10070 | 10 oz. | 12 | 1 | 0 54647 10070 8 |



SCREEN CLOTH
An open meshed, 180 grit, aluminum oxide premium grade cloth. Recommended for the tough jobs. Fully waterproof! Lasts four times longer than Sand Cloth.



Forms instant waterproof bond. Permanently seals leaks and gaps. Adheres to a wide range of materials. Aluminum foil backing 2 mil. thick and a butyl rubber adhesive. Ideal for indoor and outdoor repairs including leaky pipes, hoses, gutters, storage containers and much more. Thickness is 11 mils.



A polyethylene coated cloth backed tape has excellent adhesion and tack. High tensile strength and conforms well to irregular surfaces. Ideal for sealing duct work, general purpose packaging and masking PVC pipe. Thickness is 9 mil.



CLOTH AND ACCESSORY ITEMS

PRODUCT

Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



| | | | | | |
|--|-------|-------------|-----|---|-----------------|
| LATEX GLOVES Seamless construction, rolled cuff, 9-1/2" length, 4 mil. thickness. Gloves fit either hand. Extra stretch for best fit. Excellent sensitivity and touch. | 10072 | Medium | 100 | 2 | 0 54647 10072 2 |
| | 10073 | Large | 100 | 2 | 0 54647 10073 9 |
| | 10074 | Extra Large | 100 | 3 | 0 54647 10074 6 |



| | | | | | |
|--|-------|-------|----|---|-----------------|
| JERSEY GLOVES Jersey Gloves are comfortable, durable and will keep your hands protected. | 10076 | 8 oz. | 12 | 1 | 0 54647 10076 0 |
|--|-------|-------|----|---|-----------------|



| | | | | | |
|---|-------|-------|----|---|-----------------|
| HOSE BIBB MOUNTING PLATE A patented kit containing a mounting plate, machine screws, and plastic anchors. The Hose Bibb Mounting Plate prevents drafts, moisture, insects and vermin from entering the building through gaps between the hose bibb and the outside wall. It holds hose bibb securely so as to prevent stresses on plumbing and assures the proper pitch on the frost-proof hydrants and saves time on installation. The Hose Bibb Mounting Plate is neat, attractive and gives a professional appearance upon installation and is compatible with all major domestic and imported brands of sill cocks, both frost-proof and non-frost-proof. | 10080 | ----- | 12 | 3 | 0 54647 10080 7 |
|---|-------|-------|----|---|-----------------|



| | | | | | |
|--|-------|------------------|-----|---|-----------------|
| ALL PURPOSE HAND TOWELS Paper towels. Cloth like, soft on hands and face. Ideal for all medium to heavy-duty general purpose wiping applications and are perfect for jobs that require larger towels. The dispenser box can dispense from either the top or bottom. The dispenser box is portable, protects towels and allows for single sheet dispensing. | 10090 | 9-1/2" x 16-1/8" | 100 | 3 | 0 54647 10090 6 |
|--|-------|------------------|-----|---|-----------------|



| | | | | | |
|--|-------|--------------------|----|---|-----------------|
| BIN BOXES White, 220 lb. test corrugated boxes. Ideal for storing just about anything. | 10150 | 2" x 12" x 4-1/2" | 24 | 3 | 0 54647 10150 7 |
| | 10155 | 2" x 18" x 4-1/2" | 24 | 4 | 0 54647 10155 2 |
| | 10160 | 4" x 12" x 4-1/2" | 24 | 3 | 0 54647 10160 6 |
| | 10162 | 4" x 18" x 4-1/2" | 24 | 5 | 0 54647 10162 0 |
| | 10165 | 6" x 12" x 4-1/2" | 24 | 4 | 0 54647 10165 1 |
| | 10170 | 6" x 18" x 10" | 24 | 6 | 0 54647 10170 5 |
| | 10175 | 8" x 12" x 4-1/2" | 24 | 5 | 0 54647 10175 0 |
| | 10177 | 8" x 18" x 4-1/2" | 24 | 6 | 0 54647 10177 4 |
| | 10180 | 10" x 18" x 10" | 24 | 5 | 0 54647 10180 4 |
| | 10190 | 12" x 12" x 4-1/2" | 24 | 6 | 0 54647 10190 3 |



| | | | | | |
|---|-------|-----|----|---|-----------------|
| URINAL SCREEN WITH DEODORIZING BLOCK Pliable, durable screen with cherry scented block. | 10210 | --- | 12 | 4 | 0 54647 10210 8 |
|---|-------|-----|----|---|-----------------|



| | | | | | |
|---|-------|----|----|---|-----------------|
| URINAL SCREEN Pliable, durable screen which will trap debris and protect drains. •Packed in Header Bag | 10220 | 6 | 6 | 1 | 0 54647 10220 7 |
| | 10222 | 12 | 12 | 3 | 0 54647 10222 1 |



| | | | | | |
|--|-------|----|----|---|-----------------|
| URINAL BLOCK Cherry scented block. Eliminates odors. | 10230 | 12 | 12 | 3 | 0 54647 10230 6 |
|--|-------|----|----|---|-----------------|



| | | | | | |
|---|--------|--------|----|---|-----------------|
| WATER WOW! ® A special powder that jells water to eliminate water spills. Ideal for use in toilet bowl removal. Water Wow! makes removing a toilet quicker, less messy, and a simpler process. Water Wow! needs just 5 minutes to jell the water in the toilet. Water Wow! will liquify once water is added back to the toilet bowl and then will easily flush away. *Packed In Display Box | *10250 | .6 oz. | 12 | 1 | 0 54647 10250 4 |
| | 10255 | 10 oz. | 12 | 9 | 0 54647 10255 9 |

CATEGORY

10
CONTINUED

CLOTH AND ACCESSORY ITEMS

PRODUCT



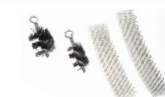
| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|-------------------|---------|-------------------|-----------------|
| PIPE WRAP TAPE This is a PVC plastic tape with a high tack adhesive that can be used on steel, galvanized, electrical conduit, cast iron pipe, and ductile iron pipe. Can be used above and below ground. Can be effective in all weather conditions. Provides corrosion protection, protects against fungus and bacteria, provides a dielectric barrier between the pipe and soil, and resists common chemicals and vapors. It is strongly recommended to use Black Swan Pipe Wrap Primer before applying tape. IAPMO approved. | 10270 | 1" x 100' 10 mil. | 48 | 28 | 0 54647 10270 2 |
| | 10275 | 2" x 100' 10 mil. | 24 | 28 | 0 54647 10275 7 |
| | 10280 | 4" x 100' 10 mil. | 12 | 28 | 0 54647 10280 1 |
| | 10300 | 1" x 100' 20 mil. | 48 | 55 | 0 54647 10300 6 |
| | 10305 | 2" x 100' 20 mil. | 24 | 55 | 0 54647 10305 1 |

CATEGORY

11

BRUSHES

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|--------|---------|-------------------|-----------------|
| FITTING BRUSH Plastic handle and high carbon crimped steel brush. Easy to hold. Cleans inside of tubing and fittings to make for better soldering. Ideal for plumbing and refrigeration applications. | 11000 | 1/2" | 12 | 1 | 0 54647 11000 4 |
| | *11001 | 1/2" | 12 | 2 | 0 54647 11001 1 |
| | 11005 | 3/4" | 12 | 2 | 0 54647 11005 9 |
| | *11006 | 3/4" | 12 | 2 | 0 54647 11006 6 |
| | 11010 | 1" | 12 | 2 | 0 54647 11010 3 |
| | 11011 | 1-1/4" | 12 | 2 | 0 54647 11011 0 |
| | 11012 | 1-1/2" | 12 | 2 | 0 54647 11012 7 |
| | 11013 | 2" | 12 | 3 | 0 54647 11013 4 |
| *Blister Card | | | | | |
| QUICK TWIST BRUSH Wire handle and high carbon crimped steel brush. Easy to hold. Cleans inside of tubing and fittings to make for better soldering. Ideal for plumbing and refrigeration applications | 11015 | 1/2" | 12 | 1 | 0 54647 11015 8 |
| | 11020 | 3/4" | 12 | 2 | 0 54647 11020 2 |
| | 11025 | 1" | 12 | 2 | 0 54647 11025 7 |
| | 11026 | 1-1/4" | 12 | 2 | 0 54647 11026 4 |
| | 11027 | 1-1/2" | 12 | 2 | 0 54647 11027 1 |
| | 11028 | 2" | 12 | 3 | 0 54647 11028 8 |

| | | | | | |
|---|--------|------|----|---|-----------------|
| TUBE CLEANING BRUSH Used for cleaning outside surface of copper tubing's. | 11030 | 1/2" | 6 | 1 | 0 54647 11030 1 |
| | *11031 | 1/2" | 12 | 1 | 0 54647 11031 8 |
| | *11034 | 3/4" | 12 | 1 | 0 54647 11034 9 |
| | 11035 | 3/4" | 6 | 1 | 0 54647 11035 6 |
| | 11036 | 1" | 6 | 1 | 0 54647 11036 3 |
| *Blister Card | | | | | |

| | | | | | |
|--|--------|-------------|----|---|-----------------|
| FOUR-IN-ONE CLEANING & FITTING BRUSH This unique tool will clean copper tubing 1/2" and 3/4" and also clean fittings of 1/2" and 3/4". *Blister Card | *11039 | 1/2" & 3/4" | 12 | 5 | 0 54647 11039 4 |
| | 11040 | 1/2" & 3/4" | 12 | 4 | 0 54647 11040 0 |

| | | | | | |
|--|-------|-------|---|---|-----------------|
| FOUR-IN-ONE REPLACEMENT BRUSH KIT Replacement parts for Four-In-One Brush. | 11041 | ----- | 6 | 1 | 0 54647 11041 7 |
|--|-------|-------|---|---|-----------------|

| | | | | | |
|---|-------|------|----|---|-----------------|
| 2-IN-1 BRUSH Tool combines inside fitting brush and outside tubing brush. Cleans copper tubing and fittings of dirt and debris. | 11042 | 1/2" | 12 | 1 | 0 54647 11042 4 |
| | 11043 | 3/4" | 12 | 1 | 0 54647 11043 1 |

| | | | | | |
|--|--------------------------------------|-------|-----|---|-----------------|
| ACID BRUSHES Pure horse hair brush. The #0, #1, #2 and #5 are tin handled brushes. The #7 brush is a wooden handled brush. Ideal for applying flux on copper and can be used to apply most liquids and pastes. | 11044 | #0 | 144 | 1 | 0 54647 11044 8 |
| | 11045 | #1 | 144 | 1 | 0 54647 11045 5 |
| | 11046 | #2 | 144 | 3 | 0 54647 11046 2 |
| | 11050 | #5 | 36 | 1 | 0 54647 11050 9 |
| | • 11055 | #7 | 36 | 1 | 0 54647 11055 4 |
| | *11057 | ----- | 12 | 1 | 0 54647 11057 8 |
| | • Wooden Handle *Blister Card-3 Pack | | | | |

CATEGORY

11
CONTINUED

BRUSHES

PRODUCT

Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



| | | | | | |
|--|--|--|----------------------------------|----------------------------|--|
| <p>BRUSH IN CAP - PLASTIC HANDLE 3/4" brush with cap. Fits 1/2 pint, pint and quart cement cans.</p> | 11060 | 3/4" wide | 25 | 1 | 0 54647 11060 8 |
| <p>MINI-BRUSH White Chinese bristle and sanded wood handle. Ideal for small paint and varnish jobs. Especially recommended for applying Black Swan Pipe-Lube on pipe and gaskets.</p> | 11067 11068 | 1" wide 2" wide | 36 24 | 3 3 | 0 54647 11067 7 0 54647 11068 4 |
| <p>PLASTIC PIPE CEMENT DAUBERS Dauber in cap for screw top cement cans. • Reg. Dauber •• Jumbo Dauber</p> | •11070 •11075 ••11080 •11081 ••11085 •11086 | 1/4 pt. 1/2 pt. pt. pt. qt. qt. | 50 50 50 50 50 50 | 2 2 2 2 2 2 | 0 54647 11070 7 0 54647 11075 2 0 54647 11080 6 0 54647 11081 3 0 54647 11085 1 0 54647 11086 8 |
| <p>ADJUSTABLE PLASTIC POWER DAUBER Adjustable dauber used to apply cement and primer to plastic pipe and fittings. Fits 1/2 pint, pint and quart cans. Adjustable handle extends to 8-1/2".</p> | 11090 11093 11096 | 3/4" 1" 1-1/4" | 50 50 50 | 3 3 3 | 0 54647 11090 5 0 54647 11093 6 0 54647 11096 7 |
| <p>CEMENT SWAB A 4" swab used to apply cements and primers to large diameter pipe. The quart swab is for pipe diameter from 3" to 8" and fits a standard quart can. The gallon swab is for pipe diameter of 6" or larger and fits a wide mouth (2-7/8") gallon container. * For 1-3/4" Opening</p> | 11100 11120 *11121 | qt. gal. gal. | 12 12 12 | 7 5 5 | 0 54647 11100 1 0 54647 11120 9 0 54647 11121 6 |
| <p>UTILITY BRUSHES For cleaning threaded fittings prior to soldering. Many other uses around home, office or work. Use the stainless steel brush on hard metals and difficult cleaning situations. Use the brass brush on softer metals and easier cleaning situations. *Packed In Blister Card</p> | *11130 | ----- | 12 | 2 | 0 54647 11130 8 |

CATEGORY

12

CLOSET BOLTS AND CLOSET SCREWS

PRODUCT









Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



| | | | | | |
|--|----------------------------------|--|----------------------|------------------|--|
| <p>BIRDY BOLTS—BRASS - BAGGED Closet bolt with captive washer. Packed in plastic bag. Each bag contains 2 bolts, 2 brass plated open-end nuts and 2 brass plated washers. The 2-1/4" bolts have snap-off slots.</p> | 12000 12002 12005 12007 | 1/4" x 2-1/4" 1/4" x 3-1/2" 5/16" x 2-1/4" 5/16" x 3-1/2" | 50 50 50 50 | 5 6 7 7 | 0 54647 12000 3 0 54647 12002 7 0 54647 12005 8 0 54647 12007 2 |
| <p>BIRDY BOLTS JR.—BRASS - BAGGED Closet bolt with snap-off slot. Packed in plastic bag. Each bag contains 2 bolts, 2 plastic stand-up washers, 2 brass plated open-end nuts and 2 brass plated washers.</p> | 12010 12015 | 1/4" x 2-1/4" 5/16" x 2-1/4" | 50 50 | 5 7 | 0 54647 12010 2 0 54647 12015 7 |

CLOSET BOLTS AND CLOSET SCREWS

PRODUCT

| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|----------------|---------|-------------------|-----------------|
|  <p>BIRDY BOLTS—BRASS PLATED - BAGGED Closet bolt with snap-off slot and captive washer. Packed in plastic bag. Each bag contains 2 bolts, 2 brass plated open-end nuts and 2 brass plated washers.</p> | 12020 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12020 1 |
| | 12025 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12025 6 |
|  <p>CLOSET BOLTS—BRASS - BULK Each carton contains 100 bolts in bulk, 100 brass plated open-end nuts in a polybag and 100 brass plated washers in a polybag. Round washers will be sent unless oval is specified.</p> | 12040 | 1/4" x 1-3/4" | 100 | 5 | 0 54647 12040 9 |
| | 12045 | 1/4" x 2-1/4" | 100 | 5 | 0 54647 12045 4 |
| | 12050 | 1/4" x 3-1/2" | 100 | 6 | 0 54647 12050 8 |
| | 12055 | 5/16" x 1-3/4" | 100 | 6 | 0 54647 12055 3 |
| | 12060 | 5/16" x 2-1/4" | 100 | 7 | 0 54647 12060 7 |
| | 12065 | 5/16" x 3-1/2" | 100 | 7 | 0 54647 12065 2 |
|  <p>CLOSET BOLTS—BRASS PLATED - BULK Each carton contains 100 bolts in bulk, 100 brass plated open-end nuts in a polybag and 100 brass plated washers in a polybag. Round washers will be sent unless oval is specified.</p> | 12100 | 1/4" x 1-3/4" | 100 | 5 | 0 54647 12100 0 |
| | 12105 | 1/4" x 2-1/4" | 100 | 5 | 0 54647 12105 5 |
| | 12110 | 1/4" x 3-1/2" | 100 | 6 | 0 54647 12110 9 |
| | 12115 | 5/16" x 1-3/4" | 100 | 6 | 0 54647 12115 4 |
| | 12120 | 5/16" x 2-1/4" | 100 | 7 | 0 54647 12120 8 |
| | 12125 | 5/16" x 3-1/2" | 100 | 7 | 0 54647 12125 3 |
|  <p>CLOSET BOLTS—BRASS - BAGGED (Style 1) Each bag contains 2 bolts, 2 brass plated open-end nuts and 2 brass plated washers. Round washers will be sent unless oval is specified.</p> | 12160 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12160 4 |
| | 12165 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12165 9 |
| | 12170 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12170 3 |
| | 12175 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12175 8 |
| | 12180 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12180 2 |
| | 12185 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12185 7 |
|  <p>CLOSET BOLTS—BRASS - BAGGED (Style 2) Each bag contains 2 bolts, 2 brass plated open-end nuts, 2 brass plated round washers and 2 plastic stand-up washers. Round washers will be sent unless oval is specified.</p> | 12161 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12161 1 |
| | 12166 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12166 6 |
| | 12171 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12171 0 |
| | 12176 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12176 5 |
| | 12181 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12181 9 |
| | 12186 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12186 4 |
|  <p>CLOSET BOLTS—BRASS - BAGGED (Style 3) Each bag contains 2 bolts, 4 brass plated open-end nuts and 4 brass plated washers. Round washers will be sent unless oval is specified.</p> | 12162 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12162 8 |
| | 12167 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12167 3 |
| | 12172 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12172 7 |
| | 12177 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12177 2 |
| | 12182 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12182 6 |
| | 12187 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12187 1 |
|  <p>CLOSET BOLTS—BRASS PLATED—BAGGED (Style 1) Each bag contains 2 bolts, 2 brass plated open-end nuts and 2 brass plated washers. Round washers will be sent unless oval is specified.</p> | 12220 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12220 5 |
| | 12225 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12225 0 |
| | 12230 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12230 4 |
| | 12235 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12235 9 |
| | 12240 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12240 3 |
| | 12245 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12245 8 |
|  <p>CLOSET BOLTS—BRASS PLATED—BAGGED (Style 2) Each bag contains 2 bolts, 2 brass plated open-end nuts, 2 brass plated round washers and 2 plastic stand-up washers. Round washers will be sent unless oval is specified.</p> | 12221 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12221 2 |
| | 12226 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12226 7 |
| | 12231 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12231 1 |
| | 12236 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12236 6 |
| | 12241 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12241 0 |
| | 12246 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12246 5 |

NOTE: All packaged closet bolts contain brass plated nuts and brass plated washers. If solid brass nuts are desired in any package, just add a "BN" to the stock number. If solid brass washers are desired, just add a "BW" to the stock number.

CLOSET BOLTS AND CLOSET SCREWS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|----------------|---------|-------------------|-----------------|
| CLOSET BOLTS—BRASS PLATED—BAGGED (Style 3) Each bag contains 2 bolts, 4 brass plated open-end nuts and 4 brass plated washers. Round washers will be sent unless oval is specified. | 12222 | 1/4" x 1-3/4" | 50 | 5 | 0 54647 12222 9 |
| | 12227 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12227 4 |
| | 12232 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12232 8 |
| | 12237 | 5/16" x 1-3/4" | 50 | 6 | 0 54647 12237 3 |
| | 12242 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12242 7 |
| | 12247 | 5/16" x 3-1/2" | 50 | 7 | 0 54647 12247 2 |
| CLOSET BOLTS - STEEL - ANTI -CORROSIVE - BAGGED Steel closet bolts treated with a special anti-corrosion coating. This coating allows the bolts to be "rust resistant." Each bag contains 2 bolts, 2 plastic stand-up washers, 2 round washers and 2 open-end nuts. | 12260 | 1/4" x 2-1/4" | 50 | 5 | 0 54647 12260 1 |
| | 12275 | 5/16" x 2-1/4" | 50 | 7 | 0 54647 12275 5 |
| CLOSET BOLTS—BRASS Closet Bolts Only. | 12300 | 1/4" x 1-3/4" | 100 | 2 | 0 54647 12300 4 |
| | 12305 | 1/4" x 2-1/4" | 100 | 3 | 0 54647 12305 9 |
| | 12310 | 1/4" x 3-1/2" | 100 | 5 | 0 54647 12310 3 |
| | 12315 | 5/16" x 1-3/4" | 100 | 4 | 0 54647 12315 8 |
| | 12320 | 5/16" x 2-1/4" | 100 | 5 | 0 54647 12320 2 |
| | 12325 | 5/16" x 3-1/2" | 100 | 7 | 0 54647 12325 7 |
| CLOSET BOLTS—BRASS PLATED Closet Bolts Only. | 12330 | 1/4" x 1-3/4" | 100 | 2 | 0 54647 12330 1 |
| | 12335 | 1/4" x 2-1/4" | 100 | 3 | 0 54647 12335 6 |
| | 12340 | 1/4" x 3-1/2" | 100 | 5 | 0 54647 12340 0 |
| | 12345 | 5/16" x 1-3/4" | 100 | 4 | 0 54647 12345 5 |
| | 12350 | 5/16" x 2-1/4" | 100 | 5 | 0 54647 12350 9 |
| | 12355 | 5/16" x 3-1/2" | 100 | 7 | 0 54647 12355 4 |
| NUTS - OPEN-END-BRASS PLATED Brass plated nuts packed 100 per bag. | 12370 | 1/4" | 100 | 1 | 0 54647 12370 7 |
| | 12375 | 5/16" | 100 | 1 | 0 54647 12375 2 |
| NUTS - OPEN-END-BRASS Brass nuts packed 100 per bag. | 12376 | 1/4" | 100 | 1 | 0 54647 12376 9 |
| | 12377 | 5/16" | 100 | 1 | 0 54647 12377 6 |
| NUTS-CLOSED-END - BRASS PLATED Brass plated nuts packed 100 per bag. | 12380 | 1/4" | 100 | 1 | 0 54647 12380 6 |
| | 12385 | 5/16" | 100 | 1 | 0 54647 12385 1 |
| WASHERS - BRASS PLATED Brass plated washers packed 100 per bag. | 12390 | Round | 100 | 1 | 0 54647 12390 5 |
| | 12395 | Oval | 100 | 1 | 0 54647 12395 0 |
| WASHERS - BRASS Brass washers packed 100 per bag. Round washers only. | 12400 | Round | 100 | 1 | 0 54647 12400 1 |
| PLASTIC STAND-UP WASHERS Holds closet bolt in place for easier installation. | 12420 | 1/4" | 100 | 1 | 0 54647 12420 9 |
| | 12421 | 5/16" | 100 | 1 | 0 54647 12421 6 |
| NYLON TOILET BOLTS - BAGGED Each bag contains 2 bolts and 2 open end nuts. Corrosion resistant. Will not spin or fall through closet flanges. Makes for a quick, easy and strong installation. | 12425 | 2-1/2" | 50 | 5 | 0 54647 12425 4 |
| CLOSET SCREWS-BRASS-BULK Each carton contains 100 screws in bulk, 100 brass plated closed-end nuts in a polybag and 100 brass plated washers in a poly bag. Round washers will be sent unless oval is specified. | 12440 | 1/4" x 2-1/2" | 100 | 4 | 0 54647 12440 7 |
| | 12445 | 1/4" x 3-1/2" | 100 | 6 | 0 54647 12445 2 |
| | 12450 | 5/16" x 2-1/2" | 100 | 6 | 0 54647 12450 6 |
| | 12455 | 5/16" x 3-1/2" | 100 | 8 | 0 54647 12455 1 |

NOTE: All packaged closet bolts contain brass plated nuts and brass plated washers. If solid brass nuts are desired in any package, just add a "BN" to the stock number. If solid brass washers are desired, just add a "BW" to the stock number.

CLOSET BOLTS AND CLOSET SCREWS

PRODUCT



| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|----------------|---------|-------------------|-----------------|
| CLOSET SCREWS-BRASS PLATED-BULK Each carton contains 100 screws in bulk, 100 brass plated closed-end nuts in a polybag and 100 brass plated washers in a poly bag. Round washers will be sent unless oval is specified. | 12480 | 1/4" x 2-1/2" | 100 | 4 | 0 54647 12480 3 |
| | 12485 | 1/4" x 3-1/2" | 100 | 6 | 0 54647 12485 8 |
| | 12490 | 5/16" x 2-1/2" | 100 | 6 | 0 54647 12490 2 |
| | 12500 | 5/16" x 3-1/2" | 100 | 8 | 0 54647 12500 8 |
| CLOSET SCREWS-BRASS-BAGGED Each bag contains 2 screws, 2 brass plated closed-end nuts and 2 brass plated round washers. Round washers will be sent unless oval is specified. | 12560 | 1/4" x 2-1/2" | 50 | 4 | 0 54647 12560 2 |
| | 12565 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12565 7 |
| | 12570 | 5/16" x 2-1/2" | 50 | 6 | 0 54647 12570 1 |
| | 12575 | 5/16" x 3-1/2" | 50 | 8 | 0 54647 12575 6 |
| CLOSET SCREWS-BRASS PLATED-BAGGED Each bag contains 2 screws, 2 brass plated closed-end nuts and 2 brass plated round washers. Round washers will be sent unless oval is specified. | 12600 | 1/4" x 2-1/2" | 50 | 4 | 0 54647 12600 5 |
| | 12605 | 1/4" x 3-1/2" | 50 | 6 | 0 54647 12605 0 |
| | 12610 | 5/16" x 2-1/2" | 50 | 6 | 0 54647 12610 4 |
| | 12615 | 5/16" x 3-1/2" | 50 | 8 | 0 54647 12615 9 |
| CLOSET SCREWS - BRASS Closet screws only. | 12710 | 1/4" x 2-1/2" | 100 | 3 | 0 54647 12710 1 |
| | 12715 | 1/4" x 3-1/2" | 100 | 4 | 0 54647 12715 6 |
| | 12720 | 5/16" x 2-1/2" | 100 | 4 | 0 54647 12720 0 |
| | 12725 | 5/16" x 3-1/2" | 100 | 4 | 0 54647 12725 5 |
| CLOSET SCREWS - BRASS PLATED Closet screws only. | 12750 | 1/4" x 2-1/2" | 100 | 3 | 0 54647 12750 7 |
| | 12755 | 1/4" x 3-1/2" | 100 | 4 | 0 54647 12755 2 |
| | 12760 | 5/16" x 2-1/2" | 100 | 6 | 0 54647 12760 6 |
| | 12765 | 5/16" x 3-1/2" | 100 | 6 | 0 54647 12765 1 |

TOILET BOWL ACCESSORIES

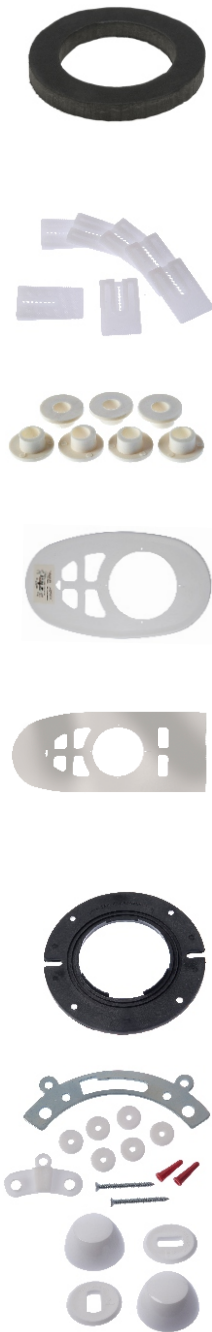
PRODUCT



| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|------------|---------|-------------------|-----------------|
| TANK-TO-BOWL BOLT KIT WITH HEX NUTS-BRASS Each bag contains two 5/16" x 3" brass tank bolts, four cloth reinforced rubber washers, four heavy round washers, and four brass hex nuts. | 13150 | 5/16" x 3" | 25 | 6 | 0 54647 13150 4 |
| TANK-TO-BOWL BOLT KIT WITH WING AND HEX NUTS-BRASS Each bag contains two 5/16" x 3" brass tank bolts, four cloth reinforced rubber washers, four heavy round washers, two brass hex nuts and two brass wing nuts. | 13170 | 5/16" x 3" | 25 | 6 | 0 54647 13170 2 |
| BOWL TO WALL GASKET KIT FOR WALL HUNG TOILETS An expanded closed cell chemical resistant foam gasket with special adhesive on one side of the gasket to allow easy application to the wall. Specially designed to eliminate the leakage often encountered with inferior foam rubber gaskets. It is resistant to water, petroleum products, chemicals, and similar substances. Will not rot. | 13180 | ----- | 6 | 1 | 0 54647 13180 1 |
| SPONGE RUBBER GASKET — TANK-TO-BOWL For tank-to-bowl installations. Standard size is 3-1/4" O.D. x 2-1/8" I.D. x 9/16". Fits most close-coupled | 13200 | ----- | 25 | 1 | 0 54647 13200 6 |

TOILET BOWL ACCESSORIES

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|--------------------|-------|---------|-------------------|-----------------|
| SPONGE RUBBER GASKET — CLOSET BOWL TO FLOOR For closet bowl to floor installations. 5-3/8" O.D. X 3-1/2" I.D. X 3/4" thickness ← 5-3/8" O.D. X 3-1/2" I.D. X 1" thickness ← 6-3/4" O.D. X 3-1/2" I.D. X 3/4" thickness ← | 13215 | ----- | 12 | 2 | 0 54647 13215 0 |
| | 13220 | ----- | 12 | 2 | 0 54647 13220 4 |
| | *13225 | ----- | 12 | 2 | 0 54647 13225 9 |
| | *Wide Hole Pattern | | | | |
| TOILET STABILIZER SHIMS Ideal for leveling toilet bowls that wobble. Shims can be stacked in the same way or opposite directions to fill any gap. Each shim contains holes allowing user to nail or screw shim into place. Packed in tabletop dispenser for easy sell. | HARD 13250 | ----- | 100 | 3 | 0 54647 13250 1 |
| | SOFT 13260 | ----- | 100 | 3 | 0 54647 13260 0 |
| TOILET SEAT STABILIZERS Specially designed white rubber flanged gasket, installs onto toilet seat hinge and through china bowl holes. Eliminates reoccurring loose toilet seats. | 13270 | ----- | 100 | 3 | 0 54647 13270 9 |
| BIG FOOT COVER PLATE Paintable, plastic cover plate installs between the toilet and the floor, covering old dirty "FOOT-PRINT" stains left behind by toilets being replaced. Can be installed with or without removing toilet. One size fits all. | 13280 | ----- | 6 | 4 | 0 54647 13280 8 |
| BIG FOOT II TOILET FLOOR GASKET Thick, compliant, self-shimming, white rubber gasket installs between the toilet and the floor. Provides a complete seal and eliminates toilet movement and wobbling. Fits all toilets including commercial 14" setbacks to the wall mounts, simply trim to fit. | 13290 | ----- | 6 | 4 | 0 54647 13290 7 |
| STACK-N-SEAL 1/4" stackable toilet flange mounts on top of existing flange, used to raise flange height and for general flange repairs. Often used when floor height is raised during remodeling. | 13300 | ----- | 12 | 6 | 0 54647 13300 3 |
| ANCHOR FLANGE KIT Repair flange stabilizes a wobbling toilet caused by a broken flange. Simply bolt onto existing broken floor flange and into surrounding floor. Includes flange, screws & inserts. *On Blister Card | *13310 | ----- | 12 | 5 | 0 54647 13310 2 |
| ROUND TOILET BOLT CAPS White, plastic toilet bolt caps used to cover exposed toilet bolts. Two caps per bag. | 13350 | ----- | 12 | 1 | 0 54647 13350 8 |



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CATEGORY

14

PACKAGING MATERIALS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|---------------|---------|-------------------|-----------------|
| STRETCH WRAP Plastic film used to wrap merchandise on skids when shipping. 80 gauge. | 14100 | 15" x 1500' | 4 | 29 | 0 54647 14100 8 |
| | 14110 | 18" x 1500' | 4 | 35 | 0 54647 14110 7 |
| CARTON SEALING TAPE - CLEAR 1.6 mil. thickness. | 14220 | 2" x 110 yds. | 36 | 21 | 0 54647 14220 3 |
| CARTON SEALING TAPE - BROWN Reinforced. Water activated gummed tape. | 14250 | 3" x 450' | 10 | 29 | 0 54647 14250 0 |
| STRETCH WRAP HANDI-HOLDERS A two part insert designed to fit into a 3" I.D. core. Protects hands from burning while applying stretch wrap. | 14420 | ----- | 5 | 5 | 0 54647 14420 7 |
| TAPE GUN For use in applying clear carton sealing tape. | 14440 | 2" | 6 | 8 | 0 54647 14440 5 |

CATEGORY

15

MARKING PAINT AND TAPES

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code | |
|---|------------------------|--------|---------|-------------------|-----------------|-----------------|
| MARKING PAINT A heavy duty, industrial paint with a water base formula that is fast drying, durable and non-clogging. Use in marking construction, excavation sites, underground utilities, landscaping, etc. Will not wash away or damage grass. | Precaution Blue | 15050 | 17 oz. | 12 | 17 | 0 54647 15050 5 |
| | Fluorescent Blue | 15055 | 17 oz. | 12 | 17 | 0 54647 15055 0 |
| | Safety Green | 15070 | 17 oz. | 12 | 17 | 0 54647 15070 3 |
| | Alert Orange | 15080 | 17 oz. | 12 | 17 | 0 54647 15080 2 |
| | Fluorescent Orange | 15085 | 17 oz. | 12 | 17 | 0 54647 15085 7 |
| | Safety Red | 15090 | 17 oz. | 12 | 17 | 0 54647 15090 1 |
| | High Visibility Yellow | 15100 | 17 oz. | 12 | 17 | 0 54647 15100 7 |
| | White | 15110 | 17 oz. | 12 | 17 | 0 54647 15110 6 |
| | Black | 15120 | 17 oz. | 12 | 17 | 0 54647 15120 5 |
| Fluorescent Pink | 15130 | 17 oz. | 12 | 17 | 0 54647 15130 4 | |
| PLUMBERS SPRAY PAINT - GRAY A heavy duty, industrial paint that is fast drying, durable and non-clogging. Ideal for use on most types of metal pipes and other objects such as regulators and meter covers. Helps protect against corrosion and provides color consistency. | 15160 | 10 oz. | 6 | 6 | 0 54647 15160 1 | |
| MARKING GUN A compact and light-weight tool to apply marking paint in a wide range of marking applications. | 15200 | ----- | 1 | 2 | 0 54647 15200 4 | |
| MARKING WAND A light-weight tool used to apply paint in a wide range of marking applications. Approximately 3 feet in length to make application of paint easy. | 15210 | ----- | 1 | 3 | 0 54647 15210 3 | |

MARKING PAINT AND TAPES

PRODUCT

| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-------------------------------|------------------|---------|-------------------|-----------------|
| DETECTABLE MARKING TAPE A superior detectable marking tape used for location and early warning protection for non-metallic underground lines. The solid aluminum core is encased between two layers of plastic with an overall thickness of 5 mil (.005"). With proper detection equipment this tape is easily located. All printing is encapsulated in the tape providing a permanence of message. | Blue { Water Line | 15250 2" x 1000' | 12 | 60 | 0 54647 15250 9 |
| | | 15255 3" x 1000' | 8 | 56 | 0 54647 15255 4 |
| | | 15260 6" x 1000' | 4 | 52 | 0 54647 15260 8 |
| | Green { Sewer Line | 15270 2" x 1000' | 12 | 60 | 0 54647 15270 7 |
| | | 15275 3" x 1000' | 8 | 56 | 0 54647 15275 2 |
| | | 15280 6" x 1000' | 4 | 52 | 0 54647 15280 6 |
| | Red { Electric Line | 15290 2" x 1000' | 12 | 60 | 0 54647 15290 5 |
| | | 15295 3" x 1000' | 8 | 56 | 0 54647 15295 0 |
| | | 15300 6" x 1000' | 4 | 52 | 0 54647 15300 1 |
| | Yellow { Gas Line | 15310 2" x 1000' | 12 | 60 | 0 54647 15310 0 |
| | | 15315 3" x 1000' | 8 | 56 | 0 54647 15315 5 |
| | | 15320 6" x 1000' | 4 | 52 | 0 54647 15320 9 |
| CAUTION TAPE A brightly colored yellow polyethylene tape printed with large bold black lettering making your message impossible to miss. This tape has a thickness of 4 mils. and can be handled and tied like rope. | 15355 3" x 300' | 20 | 15 | 0 54647 15355 1 | |
| | 15360 3" x 1000' | 10 | 25 | 0 54647 15360 5 | |
| FLUORESCENT FLAGGING TAPE - RED FLUORESCENT FLAGGING TAPE - ORANGE Constructed from high quality PVC. Color is UV stabilized to provide long lasting color retention. Used for surveying, mapping forestry, tagging, roping off an area or any other marking application. | 15380 1-3/16" x 50 yds. | 12 | 4 | 0 54647 15380 3 | |
| | 15385 1-3/16" x 50 yds. | 12 | 4 | 0 54647 15385 8 | |
| NON-DETECTABLE MARKING TAPE A superior non-detectable marking tape used for protection, early identification, and accurately locating underground lines. Made of 100% virgin low density polyethylene, withstands temperature range of -94° F. through 200° F. Manufactured for durability and resistance to elements. Thickness 4.0 mil (.004). | Blue { Water Line | 15400 3" x 1000' | 8 | 32 | 0 54647 15400 8 |
| | | 15405 6" x 1000' | 4 | 32 | 0 54647 15405 3 |
| | Green { Sewer Line | 15420 3" x 1000' | 8 | 32 | 0 54647 15420 6 |
| | | 15425 6" x 1000' | 4 | 32 | 0 54647 15425 1 |
| | Red { Electric Line | 15440 3" x 1000' | 8 | 32 | 0 54647 15440 4 |
| | | 15445 6" x 1000' | 4 | 32 | 0 54647 15445 9 |
| | Yellow { Gas Line | 15460 3" x 1000' | 8 | 32 | 0 54647 15460 2 |
| | | 15465 6" x 1000' | 4 | 32 | 0 54647 15465 7 |



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ROOF FLASHINGS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|---------------|---------|-------------------|-----------------|
| ROOF FLASHINGS - ALUMINUM Deep drawn 24 gauge aluminum base with EPDM rubber collar permanently attached. Fits up to 40° roof pitch. Not for hot mop applications. Base meets Specification AMS4006, ASTM B-209, Fed QQA-250/2, UNS A93003. EPDM rubber collar injection molded to offer superior resistance to weather, ozone and oxidation. EPDM durometer hardness Shore A60 meets AMS 67206, ASTM BA615. NOTE: Do not use petroleum based products on collar. | 16100 | 1.25" x 1.50" | 12 | 5 | 0 54647 16100 6 |
| | 16110 | 2" | 12 | 5 | 0 54647 16110 5 |
| | 16120 | 3" | 12 | 7 | 0 54647 16120 4 |
| | 16130 | 4" | 12 | 9 | 0 54647 16130 3 |
| | | | | | |
| ROOF FLASHINGS - GALVANIZED Deep drawn 24 gauge galvanized base with EPDM rubber collar permanently attached. Fits up to 40° roof pitch. Not for hot mop applications. Zinc coated galvanized steel base meets ASTM Specifications A591, A525 & A366. EPDM rubber collar injection molded to offer superior resistance to weather, ozone and oxidation. Durometer hardness Shore A60 meets AMS 67206, ASTM Ba615. NOTE: Do not use petroleum based products on collar. | 16200 | 1.25" x 1.50" | 12 | 11 | 0 54647 16200 3 |
| | 16210 | 2" | 12 | 11 | 0 54647 16210 2 |
| | 16220 | 3" | 12 | 15 | 0 54647 16220 1 |
| | 16230 | 4" | 12 | 18 | 0 54647 16230 0 |
| | | | | | |
| ROOF FLASHINGS - THERMOPLASTIC Injection molded polypropylene base with 14 melt flow and 11 notched Izod for superior impact resistance. Thermoplastic base meets ASTM D1238, 120D, D56 Gardner impact D3029 Flex Modulus 115,000 psi., Tensile 2800 psi. TPR collar molded onto base to form one-piece permanent bonding of materials. Fits roofs up to 45° pitch. Not for hot mop applications. Collar durometer hardness Shore A60 meets ASTM D2240. Tensile at break 900 psi. ASTM D412 and 670% elongation. NOTE: Do not use petroleum based products on plastic bases or collar. | 16300 | 1.25" x 1.50" | 12 | 5 | 0 54647 16300 0 |
| | 16310 | 2" | 12 | 5 | 0 54647 16310 9 |
| | 16320 | 3" | 12 | 7 | 0 54647 16320 8 |
| | 16330 | 4" | 12 | 7 | 0 54647 16330 7 |
| | | | | | |

PLUMBING CONSTRUCTION MATERIALS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|----------------|---------|-------------------|-----------------|
| CLOSET BEND SPACERS (CORRUGATED) Keeps poured concrete away from waste lines and closet bends. Fits 3" & 4" waste lines. | 17100 | 6" OD. X 4" H | 18 | 4 | 0 54647 17100 5 |
| CLOSET BEND SPACERS (STYROFOAM) Keeps poured concrete away from waste lines and closet bends. | 17120 | 3" | 12 | 2 | 0 54647 17120 3 |
| | 17130 | 4" | 12 | 3 | 0 54647 17130 2 |
| CORRUGATED TUB BOXES Covers bathtub drains and allows space for easy installation of waste and overflow lines in concrete slab construction. | 17150 | 11" x 13" x 6" | 25 | 11 | 0 54647 17150 0 |

PLUMBING CONSTRUCTION MATERIALS

PRODUCT

Stock No. Size Packing Wt. Per Case-Lbs. UPC Code



| | | | | | |
|---|-------|--------|----|----|-----------------|
| ECONOMY TEST PLUGS Inexpensive test plugs for low-pressure testing. The bottom and top are stamped steel plates and there is a rubber gasket in-between, which will expand to seal the pipe when the wing nut is tightened. | 17160 | 1-1/2" | 12 | 3 | 0 54647 17160 9 |
| | 17165 | 2" | 12 | 3 | 0 54647 17165 4 |
| | 17170 | 3" | 12 | 6 | 0 54647 17170 8 |
| | 17175 | 3-1/2" | 12 | 6 | 0 54647 17175 3 |
| | 17180 | 4" | 12 | 9 | 0 54647 17180 7 |
| | 17185 | 5" | 12 | 13 | 0 54647 17185 2 |
| | 17190 | 6" | 12 | 21 | 0 54647 17190 6 |



| | | | | | |
|--|-------|--------|-----|---|-----------------|
| PLASTIC TEST CAPS Used to plug pipe for testing. | 17200 | 1-1/2" | 100 | 1 | 0 54647 17200 2 |
| | 17210 | 2" | 100 | 2 | 0 54647 17210 1 |
| | 17220 | 3" | 50 | 2 | 0 54647 17220 0 |
| | 17230 | 4" | 25 | 1 | 0 54647 17230 9 |



| | | | | | |
|---|---------|-----|----|----|-----------------|
| SHOWER PAN SOLVENT CEMENT A medium bodied, solvent cement used to connect shower pan liner. •• Jumbo Dauber In Cap | ••17260 | pt. | 12 | 15 | 0 54647 17260 6 |
|---|---------|-----|----|----|-----------------|



| | | | | | |
|---|-------|-----------------|----|----|-----------------|
| BATH TUB PROTECTOR Provides protection against tub damage during home construction. Made of a flexible, strong plastic material that absorbs shocks and prevents scratched and dented surfaces. | 17300 | 30" X 60" X 14" | 35 | 72 | 0 54647 17300 9 |
|---|-------|-----------------|----|----|-----------------|



| | | | | | |
|--|-------|-----|----|----|-----------------|
| PLASTIC WATER HEATER PAN - 1" CPVC FITTING Protects against water damage caused by leaking water heater. Will not rust or corrode. Round design enables pan to be installed in small areas. Comes with drain hole in side with a 1" drain adapter fitting. | 17350 | 20" | 20 | 26 | 0 54647 17350 4 |
| | 17360 | 22" | 20 | 27 | 0 54647 17360 3 |
| | 17370 | 24" | 20 | 30 | 0 54647 17370 2 |
| | 17380 | 26" | 10 | 18 | 0 54647 17380 1 |
| | 17390 | 28" | 5 | 11 | 0 54647 17390 0 |
| | 17400 | 30" | 5 | 11 | 0 54647 17400 6 |



| | | | | | |
|---|-------|-----|----|----|-----------------|
| PLASTIC WATER HEATER PAN - 1" PVC FITTING Protects against water damage caused by leaking water heater. Will not rust or corrode. Round design enables pan to be installed in small areas. Comes with drain hole in side with a 1" drain adapter fitting. | 17410 | 20" | 20 | 26 | 0 54647 17410 5 |
| | 17420 | 22" | 20 | 27 | 0 54647 17420 4 |
| | 17430 | 24" | 20 | 30 | 0 54647 17430 3 |
| | 17440 | 26" | 10 | 18 | 0 54647 17440 2 |
| | 17450 | 28" | 5 | 11 | 0 54647 17450 1 |
| | 17460 | 30" | 5 | 11 | 0 54647 17460 0 |



| | | | | | |
|---|-------|-----|----|----|-----------------|
| ALUMINUM WATER HEATER PAN - 1" CPVC FITTING Protects against water damage caused by leaking water heater. Will not rust or corrode. Round design enables pan to be installed in small areas. Comes with drain hole in side with a 1" drain adapter fitting. | 17500 | 22" | 10 | 20 | 0 54647 17500 3 |
| | 17510 | 24" | 10 | 23 | 0 54647 17510 2 |
| | 17520 | 26" | 10 | 26 | 0 54647 17520 1 |
| | 17530 | 28" | 5 | 15 | 0 54647 17530 0 |
| | 17540 | 30" | 5 | 18 | 0 54647 17540 9 |









| | | | | | |
|--|-------|-----|----|----|-----------------|
| ALUMINUM WATER HEATER PAN - 1" PVC FITTING Protects against water damage caused by leaking water heater. Will not rust or corrode. Round design enables pan to be installed in small areas. Comes with drain hole in side with a 1" drain adapter fitting. | 17550 | 22" | 10 | 20 | 0 54647 17550 8 |
| | 17560 | 24" | 10 | 23 | 0 54647 17560 7 |
| | 17570 | 26" | 10 | 26 | 0 54657 17570 6 |
| | 17580 | 28" | 5 | 15 | 0 54647 17580 5 |
| | 17590 | 30" | 5 | 18 | 0 54647 17590 4 |



| | | | | | |
|---|-------|-----------------|---|----|-----------------|
| WATER HEATER STAND A sturdy, high quality galvanized water heater stand. Raises water heaters 18" above floor to meet plumbing code requirements. | 17620 | 21" x 21" x 18" | 1 | 13 | 0 54647 17620 8 |
| | 17630 | 24" x 24" x 18" | 1 | 21 | 0 54647 17630 7 |

PIPE SUPPORTS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-------------------------|---|----------------|-------------------|---|
|  <p>METAL HANGER STRAP - 24 GAUGE - BAGGED Galvanized metal hanger strap. Contains alternating nail holes (3/16") and bolt holes (1/4"). Used for hanging or securing any type of pipe.</p> | 18100 | 3/4" x 10' | 12 | 5 | 0 54647 18100 4 |
|  <p>METAL HANGER STRAP - 24 GAUGE - BULK Galvanized metal hanger strap. Contains alternating nail holes (3/16") and bolt holes (1/4"). Used for hanging or securing any type of pipe.</p> | 18110 | 3/4" x 10' | 50 | 32 | 0 54647 18110 3 |
|  <p>METAL HANGER STRAP - 28 GAUGE - BAGGED Galvanized metal hanger strap. Contains alternating nail holes (3/16") and bolt holes (1/4"). Used for hanging or securing any type of pipe.</p> | 18120 | 3/4" x 10' | 12 | 6 | 0 54647 18120 2 |
|  <p>METAL HANGER STRAP - 28 GAUGE - BULK Galvanized metal hanger strap. Contains alternating nail holes (3/16") and bolt holes (1/4"). Used for hanging or securing any type of pipe.</p> | 18130 | 3/4" x 10' | 50 | 23 | 0 54647 18130 1 |
|  <p>PLASTIC HANGER STRAP - BAGGED Polypropylene hanger strap. Contains 1/8" holes. Used for hanging pipes, ducts and tubing.</p> | 18230 18235 18240 | 3/4" x 10' 3/4" x 25' 3/4" x 100' | 20 12 10 | 13 5 14 | 0 54647 18230 8 0 54647 18235 3 0 54647 18240 7 |
|  <p>DWV PLASTIC J-HOOK - BAGGED Designed for ABS & PVC drain pipes. Reduces installation time. Fabricated of durable ABS plastic (corrosion proof, impact and UV resistant). Glueable with universal cement.</p> | 18420 18430 | 1-1/2" x 7" 2" x 7" | 6 6 | 2 3 | 0 54647 18420 3 0 54647 18430 2 |



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CATEGORY

19

METER KEYS AND PROBING RODS

PRODUCT

| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|------------|---------|-------------------|-----------------|
| GATE VALVE KEY Used to turn 2 inch square operating nuts on gate valves. Cast alloy steel socket is extremely strong and allows mud and debris to exit through holes at top. | 19100 | 1/2" x 30" | 10 | 14 | 0 54647 19100 3 |
| WATER METER KEY Used to turn T-head water meter valve into the on or off position. Shaft and handle made of rebar. Vinyl covered handle for comfort. Handle is 12". *Stepped key fits old and new meter valves. | 19150 | 1/2" x 27" | 5 | 13 | 0 54647 19150 8 |
| | 19160 | 1/2" x 36" | 5 | 15 | 0 54647 19160 7 |
| | 19170 | 5/8" x 27" | 5 | 20 | 0 54647 19170 6 |
| | 19180 | 5/8" x 36" | 5 | 24 | 0 54647 19180 5 |
| | 19190 | 5/8" x 60" | 5 | 34 | 0 54647 19190 4 |
| | 19200 | 3/4" x 36" | 5 | 36 | 0 54647 19200 0 |
| | 19210 | 3/4" x 60" | 5 | 53 | 0 54647 19210 9 |
| | 19220 | 3/4" x 84" | 5 | 74 | 0 54647 19220 8 |
| | *19221 | 3/4" x 84" | 5 | 74 | 0 54647 19221 5 |
| WATER METER KEY WITH LID OPENER Used to turn T-head water meter valve into the on or off position. Shaft and handle made of rebar. Vinyl covered handle for comfort. Handle is 12". Lid opener conveniently located on top of handle. You get two tools in one. | 19300 | 1/2" x 30" | 5 | 15 | 0 54647 19300 7 |
| PROBING ROD Used to find buried pipe. Rod and handle made of carbon steel. Tip is stainless steel. Vinyl covered handle for comfort. Handle is 12". | 19350 | 1/2" x 4' | 5 | 11 | 0 54647 19350 2 |
| | 19380 | 1/2" x 5' | 5 | 13 | 0 54647 19380 9 |
| PROBING ROD WITH BALL POINT TIP Used to find buried pipe. Rod and handle made of carbon steel. Ball point tip is carbon steel so it will not puncture soft pipe. Tip is not replaceable. Handle is 12". | 19400 | 1/2" x 3' | 5 | 9 | 0 54647 19400 4 |



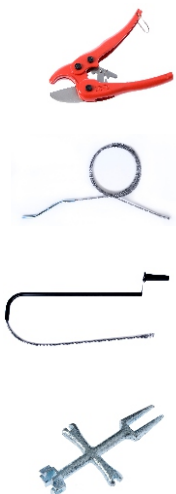
CATEGORY

20

PLUMBING TOOLS

PRODUCT

| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|------------|---------|-------------------|-----------------|
| PROFESSIONAL PVC PIPE CUTTER A superior tool for cutting PVC pipe. Ratchet action for quick cuts. Makes perfect right angle cuts. Molybdenum vanadium stainless steel blade. | 20050 | 1" | 12 | 8 | 0 54647 20050 7 |
| | 20055 | 1-1/4" | 12 | 13 | 0 54647 20055 2 |
| DRAIN AUGER A sturdy tool designed for cleaning drains. Made from hard drawn high tensile steel. Rugged steel handle with thumbscrew. | 20100 | 1/4" X 15' | 12 | 19 | 0 54647 20100 9 |
| | 20120 | 1/4" X 25' | 12 | 21 | 0 54647 20120 7 |
| TOILET AUGER Easy to handle. Equipped with plastic grip handle and bowl guard. Cleans up quickly. Durable inner core cable. Clears lines quickly. | 20140 | 3' | 12 | 18 | 0 54647 20140 5 |
| 4 WAY PROFESSIONAL PLUG WRENCH Made of durable iron. Holds pop-up plugs and basket strainers in position and keeps them from turning. | 20170 | ----- | 12 | 6 | 0 54647 20170 2 |



PLUMBING TOOLS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|--|-----------|-------------------------------|---------|-------------------|-----------------|
| BASIN WRENCH Made of high-grade steel. The wrench has a sliding T-handle which makes it easier to work in closed quarters. Has reversible spring-loaded jaw. Fits basin and toilet nuts. | 20190 | 16" | 12 | 17 | 0 54647 20190 0 |
| ADJUSTABLE BASIN WRENCH Made of high-grade steel. The wrench has a sliding T-handle which makes it easier to work in closed quarters. Has reversible, spring-loaded jaw. Telescoping handle from 9" to 16". Fits basin and toilet nuts. | 20200 | 9" to 16" | 12 | 21 | 0 54647 20200 6 |
| PLUMBERS DRAIN CLEANING TOOL A flexible, plastic drain cleaning tool with ridges. These ridges provide a superior way to grab hair, grease and other items trapped in the drain. A fast and easy way to unclog totally stopped or slow running drains. | 20240 | ----- | 12 | 1 | 0 54647 20240 2 |
| SINK PLUNGER - BATHROOM This mini sink plunger is a handy, easy to use plunger for homeowners to clear clogs in sink drains. For use with stainless steel, plastic and ceramic sinks. Stores easily under the sink. Ideal for bathroom sinks. | 20300 | 4" Cup X 9" Handle | 5 | 7 | 0 54647 20300 3 |
| SINK PLUNGER - KITCHEN This sink plunger is a handy, easy to use plunger for homeowners to clear clogs in sink drains. For use with stainless steel, plastic and ceramic sinks. Stores easily under the sink. Ideal for kitchen sinks. | 20350 | 5-1/2" Cup X 21" Handle | 6 | 7 | 0 54647 20350 8 |
| TOILET PLUNGER - PLASTIC This professional-strength plunger is designed to tackle tough clogs in high-efficiency, low-flow, and standard toilets. The unique design and pliability of its force cup makes this plunger effective in clearing clogs. | 20400 | 20-1/2" Handle | 5 | 7 | 0 54647 20400 0 |
| DUAL PURPOSE PLUNGER Ideal plunger for both sinks and toilets. Inside flap folds in for sink applications and out for toilet applications. | 20420 | 5-1/2" Cup X 21" Handle | 6 | 8 | 0 54647 20420 8 |
| PREMIER PLUNGER A powerful plunger that clears clogged toilets quickly. Works on any style, shape or angle of toilet trap. Unique rubber cup creates a powerful force to do the job. | 20450 | 5-1/2" Cup X 19" Handle | 12 | 18 | 0 54647 20450 5 |
| *Floor Display | *20450-D | 5-1/2" Cup X 19" Handle | 24 | 38 | 0 54647 20450 5 |
| STACK PLUNGER High neck-extra heavy duty ball type. Reinforced rib construction. Ideal for clearing soil lines, ends of lines and curb traps. | 20460 | 4" Cup | 12 | 12 | 0 54647 20460 4 |

NO - HUB COUPLINGS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|---|-------------|---------|-------------------|-----------------|
| NO-HUB COUPLINGS A high quality, no-hub coupling made of 100% neoprene. Uses a stainless steel clamp. Rubber gasket complies with ASTM C564. Works extremely well in all temperatures. Made in China. | 21110 | 1-1/2" | 100 | 26 | 0 54647 21110 7 |
| | 21120 | 2" | 100 | 29 | 0 54647 21120 6 |
| | 21130 | 3" | 100 | 38 | 0 54647 21130 5 |
| | 21140 | 4" | 100 | 45 | 0 54647 21140 4 |
| | 21150 | 5" | 20 | 18 | 0 54647 21150 3 |
| | 21160 | 6" | 25 | 27 | 0 54647 21160 2 |
| | 21180 | 8" | 15 | 24 | 0 54647 21180 0 |
| | 21190 | 10" | 12 | 27 | 0 54647 21190 9 |
| | 21220 | 2" x 1-1/2" | 100 | 33 | 0 54647 21220 3 |
| | 21230 | 3" x 2" | 100 | 64 | 0 54647 21230 2 |
| | 21240 | 4" x 2" | 100 | 109 | 0 54647 21240 1 |
| | 21250 | 4" x 3" | 100 | 82 | 0 54647 21250 0 |
| | HEAVY DUTY NO-HUB COUPLINGS A high quality, no-hub coupling made of 100% neoprene. Uses FOUR TO SIX stainless steel clamps depending on size of coupling. Rubber gasket complies with ASTM C564. Works extremely well in all temperatures. Made in China. | 21300 | 1-1/2" | 75 | 33 |
| 21310 | | 2" | 75 | 40 | 0 54647 21310 1 |
| 21320 | | 3" | 48 | 36 | 0 54647 21320 0 |
| 21330 | | 4" | 48 | 47 | 0 54647 21330 9 |
| 21340 | | 5" | 15 | 18 | 0 54647 21340 8 |
| 21350 | | 6" | 15 | 29 | 0 54647 21350 7 |
| 21360 | | 8" | 15 | 36 | 0 54647 21360 6 |
| 21370 | | 10" | 10 | 29 | 0 54647 21370 5 |



CONTAINERS AND LIDS

PRODUCT








| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|------------|---------|-------------------|-----------------|
| PLASTIC PAILS - ROUND A high density polyethylene (HDPE) container. Polished surface provides an attractive white color appearance. Reinforcing rib design helps to maintain container and provides stacking strength. Plastic Pails are FDA approved. Each pail comes with a lid. *Lid with Rieke Spout. | 22050 | 2 gal. | 1 | 2 | 0 54647 22050 5 |
| | 22060 | 3-1/2 gal. | 1 | 3 | 0 54647 22060 4 |
| | 22070 | 5 gal. | 1 | 4 | 0 54647 22070 3 |
| | *22071 | 5 gal. | 1 | 4 | 0 54647 22071 0 |
| | | | | | |
| PLASTIC CONTAINERS - F-STYLE A high density polyethylene (HDPE) container. Plastic F-Style containers are white in color. Each container comes with a lid. | 22090 | pt. | 12 | 1 | 0 54647 22090 1 |
| | 22100 | qt. | 12 | 2 | 0 54647 22100 7 |
| | 22110 | gal. | 6 | 2 | 0 54647 22110 6 |
| PLASTIC CONTAINERS - HANDLED INDUSTRIAL ROUND A high density polyethylene (HDPE) container. Each container has a handle near the top to make pouring easier. These HDPE containers provide a supreme moisture barrier and can be used to store bulk products including chemicals and industrial products. It is resistant to most solvents. Each container is white in color and comes with a childproof cap. | 22130 | qt. | 12 | 2 | 0 54647 22130 4 |
| | 22140 | 1/2 gal. | 6 | 2 | 0 54647 22140 3 |
| | 22150 | gal. | 4 | 2 | 0 54647 22150 2 |
| | | | | | |



CONTAINERS AND LIDS

PRODUCT

| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code | |
|---|---|---------|---------|-------------------|-----------------|-----------------|
|  <p>PLASTIC CONTAINERS - CARAFE ROUND A high density polyethylene (HDPE) container. These containers provide an excellent moisture barrier, are lightweight and rigid. They can be used to store household cleaners, ammonia, bleach, disinfectants, drain cleaners, and more. Each container is white and comes with a childproof cap.</p> | 22160 | qt. | 12 | 2 | 0 54647 22160 1 | |
|  <p>METAL CONTAINERS - OPEN MOUTH ROUND Unlined tin-plated, steel open mouth, silver cans. Ideal for paste products and if product application required a paint (mini) brush.</p> | 22180 | 1/2 pt. | 24 | 3 | 0 54647 22180 9 | |
| | 22190 | pt. | 12 | 3 | 0 54647 22190 8 | |
| | 22200 | qt. | 12 | 4 | 0 54647 22200 4 | |
| | 22210 | gal. | 4 | 4 | 0 54647 22210 3 | |
|  <p>METAL CONTAINERS - SLIP COVERS Seamless, tin-plated, steel, silver colored containers. These containers have a flat straight body style. Often used for product packaging and industrial sample presentation.</p> | 22230 | 1 oz. | 24 | 1 | 0 54647 22230 1 | |
| | 22240 | 2 oz. | 24 | 1 | 0 54647 22240 0 | |
|  <p>METAL CONTAINERS - UTILITY/MONOTOP Steel cans with tin plating. They are ideal for a variety of uses including solvents, adhesives, rubber cements and viscous materials. Opening of can is 1-3/4". Can comes with and without a dauber.</p> <p>•Can Only ••Can and Dauber</p> | ••22260 | 1/4 pt. | 24 | 2 | 0 54647 22260 8 | |
| | •22261 | 1/4 pt. | 24 | 2 | 0 54647 22261 5 | |
| | ••22270 | 1/2 pt. | 24 | 3 | 0 54647 22270 7 | |
| | •22271 | 1/2 pt. | 24 | 3 | 0 54647 22271 4 | |
| | ••22280 | pt. | 12 | 3 | 0 54647 22280 6 | |
| | •22281 | pt. | 12 | 3 | 0 54647 22281 3 | |
| | ••22290 | qt. | 12 | 4 | 0 54647 22290 5 | |
| | •22291 | qt. | 12 | 4 | 0 54647 22291 2 | |
| |  <p>METAL CONTAINERS - F-STYLE Can be used to store chemicals, lubricants, paint thinners, solvents, charcoal lighter fluids, and other applications. These F-Style containers have rigid metal handles. Each container comes with a lid.</p> <p>*2-7/8" opening **1-3/4" opening</p> | *22300 | gal. | 6 | 6 | 0 54647 22300 1 |
| | | **22310 | gal. | 6 | 6 | 0 54647 22310 0 |

SHOP TOWELS AND CLOTH RAGS

PRODUCT

NEW



| | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|--------|---------|-------------------|-----------------|
| <p>TERRY TOWELS An absorbent 100% cotton towel. Approximate size is 16" x 19". Highly absorbent. Picks up all kinds of spills. Ideal for machine shops, auto shops and manufacturing facilities. *Compressed</p> | 23100 | 2 lb.. | 20 | 40 | 0 54647 23100 6 |
| | *23110 | 5 lb. | 1 | 5 | 0 54647 23110 5 |
| | *23115 | 25 lb. | 1 | 25 | 0 54647 23115 0 |

SHOP TOWELS AND CLOTH RAGS

PRODUCT



| PRODUCT | Stock No. | Size | Packing | Wt. Per Case-Lbs. | UPC Code |
|---|-----------|--------|---------|-------------------|-----------------|
| WHITE SHEETING WIPING RAGS Woven white cotton sheeting that is very low lint. Ideal rag where low lint is needed. *Compressed. | 23130 | 2 lb. | 20 | 40 | 0 54647 23130 3 |
| | *23135 | 5 lb. | 1 | 5 | 0 54647 23135 8 |
| | *23140 | 10 lb. | 1 | 10 | 0 54647 23140 2 |
| | *23150 | 25 lb. | 1 | 25 | 0 54647 23150 1 |
| | | | | | |
| COLORED WIPING RAGS Colored T-shirt rags used as wiping towels or cleaning cloth for any industrial wiping needs. Used for water, grease or oil cleanup. *Compressed. | 23170 | 2 lb. | 20 | 40 | 0 54647 23170 9 |
| | *23180 | 5 lb. | 1 | 5 | 0 54647 23180 8 |
| | *23185 | 10 lb. | 1 | 10 | 0 54647 23185 3 |
| | *23190 | 25 lb. | 1 | 25 | 0 54647 23190 7 |
| | | | | | |
| BLUE SHOP RAGS 100% cotton. Highly absorbent, long lasting, and quick drying. Four sided overlapped edges to ensure durability. Towels are hemmed for extra strength. Perfect for wiping up oil, grease and lubricants. These rags are 12" x 12". *Compressed **25 rags per pack.. | **23210 | 2 lb. | 20 | 40 | 0 54647 23210 2 |
| | *23215 | 5 lb. | 1 | 5 | 0 54647 23215 7 |
| | | | | | |
| WHITE CUT TOWELS Cut from turkish towels and robe material. A heavy duty rag. Ideal for the heavy duty jobs. *Compressed | 23230 | 2 lb. | 20 | 40 | 0 54647 23230 0 |
| | *23240 | 5 lb. | 1 | 5 | 0 54647 23240 9 |

MISSION STATEMENT

To provide a broad range of quality products
at competitive prices on a timely basis -
and to have fun doing it!

Provide A Broad Range Of Products

Black Swan prides itself on the fact that our customers can eliminate a number of vendors and consolidate down to one. This makes our customers' work easier (less purchase orders, less bills to pay, etc.) and makes for a stronger and more profitable relationship for both parties.

Quality

Quality is a necessity. Our customers can depend on problem-free, superior products.

Competitive Prices

Competitive prices are more important today than ever before. Black Swan has extremely sharp pricing on our complete product line. For example, there are not many manufacturers that are prime on products like putty, pipe joint compounds, wax gaskets, solvent cements for plastic pipe and drain openers. By being prime on these items, it allows us to be very aggressive with our pricing structure.

Fast Delivery

Delivering merchandise to our customers when they need it is a must. With our Chicago manufacturing facility and our 8 regional warehouses, we can provide same day and next day service whenever necessary.

Excellent Customer Service

In today's society, doing business is very difficult. People don't return calls, problems don't get resolved, and many people just don't care. At Black Swan it is very different. We return all telephone calls, solve any problems quickly, and go the extra mile to serve our customers. We want you to feel that doing business with Black Swan is easy, profitable and enjoyable - and that your business is appreciated! We Want Business To Be Fun!

TERMS AND CONDITIONS

1. **ORDERING:** Combine all Black swan products for freight allowance. Specify product number and name.
2. **MINIMUM ORDERS:** \$100.00. An additional \$15.00 fee will be charged for orders under \$100.00.
3. **TERMS OF SALE:** 1% 10th prox., net 30 days.
4. **FREIGHT TERMS:** Full freight allowed and prepaid on orders for \$1,250.00 and over. For orders between \$625.00 and \$1,250.00, orders will be shipped freight prepaid 50% of freight charges will be added to the invoice. Orders less than \$625.00 will be shipped collect F.O.B. Chicago. These terms apply only to Continental U.S. **On items highlighted in yellow, shipments will be freight prepaid on \$200.00 orders.** Freight terms must be mentioned on purchase order.
5. **GUARANTEE:** Black Swan products are guaranteed against defective material or workmanship. Guarantee covers merchandise, not labor or damages.
6. **RETURNS:** Do not return any merchandise without prior written approval from Black Swan. Freight must be prepaid and there will be a 25% charge for repacking. Invoice number and date of purchase must be given to receive credit. No credit will be given on material over one year old.
7. **SHORTAGE:** Receiving person must sign delivery ticket short if there is a shortage or there can be no claim made to carrier.
8. **NOTE:** This price sheet supercedes all previous price sheets. Prices subject to change without notice.

BAR CODE NUMBERS

The Black Swan bar code for each product begins with "0 54647". The next 5 digits are for the product number. For example, the bar code for 14 oz. Stay Soft Plumbers Putty is "0 54647 01040". If the 12th digit (the check digit) is required, please go to the Black Swan web site under the *Product Information Section* or call the Black Swan office for help.

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| 02079 | 06 | 04036 | 12 | 05025 | 17 | 07260 | 21 | 10072 | 27 | 12222 | 31 | 15360 | 35 | 21320 | 41 |
| 02080 | 06 | 04037 | 12 | 05030 | 17 | 07265 | 21 | 10073 | 27 | 12225 | 30 | 15380 | 35 | 21330 | 41 |
| 02082 | 06 | 04039 | 12 | 05035 | 17 | 07270 | 21 | 10074 | 27 | 12226 | 30 | 15385 | 35 | 21340 | 41 |
| 02086 | 07 | 04040 | 12 | 05040 | 17 | 07275 | 21 | 10076 | 27 | 12227 | 31 | 15400 | 35 | 21350 | 41 |
| 02088 | 07 | 04045 | 12 | 05045 | 17 | 07280 | 21 | 10080 | 27 | 12230 | 30 | 15405 | 35 | 21360 | 41 |
| 02090 | 07 | 04050 | 12 | 05050 | 17 | 07285 | 21 | 10090 | 27 | 12231 | 30 | 15420 | 35 | 21370 | 41 |
| 02090-10 | 07 | 04052 | 12 | 05055 | 17 | 07300 | 22 | 10150 | 27 | 12232 | 31 | 15425 | 35 | 22050 | 41 |
| 02090BK | 07 | 04053 | 12 | 05057 | 17 | 07305 | 22 | 10155 | 27 | 12233 | 30 | 15430 | 35 | 22060 | 41 |
| 02093 | 07 | 04054 | 12 | 05060 | 17 | 07310 | 22 | 10160 | 27 | 12236 | 30 | 15440 | 35 | 22070 | 41 |
| 02095 | 07 | 04055 | 12 | 05080 | 17 | 07315 | 22 | 10162 | 27 | 12237 | 31 | 15445 | 35 | 22075 | 41 |
| 02095-10 | 07 | 04060 | 12 | 05085 | 17 | 07320 | 22 | 10165 | 27 | 12240 | 30 | 15460 | 35 | 22090 | 41 |
| 02095BK | 07 | 04065 | 12 | 05095 | 17 | 08000 | 22 | 10170 | 27 | 12241 | 30 | 16100 | 36 | 22100 | 41 |
| 02100 | 07 | 04070 | 12 | 05140 | 17 | 08005 | 22 | 10175 | 27 | 12242 | 31 | 16110 | 36 | 22110 | 41 |
| 02103 | 07 | 04072 | 12 | 05145 | 17 | 08010 | 22 | 10177 | 27 | 12245 | 30 | 16120 | 36 | 22120 | 41 |
| 02105 | 07 | 04080 | 12 | 05150 | 17 | 08015 | 22 | 10180 | 27 | 12246 | 30 | 16130 | 36 | 22140 | 41 |
| 02105BK | 07 | 04081 | 12 | 05160 | 17 | 08020 | 22 | 10190 | 27 | 12247 | 31 | 16200 | 36 | 22150 | 41 |
| 02108 | 07 | 04085 | 12 | 05170 | 17 | 08025 | 22 | 10210 | 27 | 12260 | 31 | 16210 | 36 | 22160 | 41 |
| 02109 | 07 | 04090 | 12 | 05190 | 17 | 08030 | 22 | 10220 | 27 | 12275 | 31 | 16220 | 36 | 22180 | 42 |
| 02110 | 07 | 04095 | 12 | 05210 | 17 | 08035 | 22 | 10222 | 27 | 12300 | 31 | 16230 | 36 | 22190 | 42 |
| 02115 | 07 | 04096 | 12 | 06000 | 18 | 08040 | 22 | 10230 | 27 | 12305 | 31 | 16300 | 36 | 22200 | 42 |
| 02120 | 07 | 04100 | 12 | 06005 | 18 | 08045 | 22 | 10250 | 27 | 12310 | 31 | 16310 | 36 | 22210 | 42 |
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