



PLUMBING PRODUCT CATALOG

A close-up, low-angle photograph of a stack of copper pipes. The pipes are arranged in a way that creates a sense of depth and perspective, with the openings of the pipes facing the viewer. The lighting is dramatic, highlighting the metallic texture and the circular openings of the pipes.

Pipe Thread Sealants
Solvent Cements
Soldering Fluxes
DWV Solutions
Plumbing Products
Firestopping
Other Products

Catalog Contents & Product Features

RectorSeal® **Pipe Thread Sealants** are the finest thread sealants in the industry. Each batch of thread sealant is tested extensively for strict quality control to insure strong and reliable performance. This large selection of pipe thread sealants covers a variety of applications. **4 - 8**

RectorSeal® offers **Low-VOC Solvent Cements, Primers and Cleaners** in a variety of sizes for the building and construction trades. Use with PVC, ABS or CPVC pipes and fittings. You can rely on the high-quality, consistent performance of these products. **9 - 16**

Nokorode® **Soldering Fluxes** have been the brand preferred by contractors for over 100 years. Clean and flux in one operation. Save time and money. Fluxes are offered in lead-free, odorless, hot and cold weather, water washable and pre-tinning formulas that deliver a strong, leak-free joint. **17 - 20**

DWV Solutions Clean Check® backwater valves, HubSet™ test couplings and Magic Vent® air admittance valves. RectorSeal® offers a complete line of cost efficient solutions for DWV systems. **21 - 27**

Plumbing Products Calci-Free™ water heater flush, Leak locators, Lubricating oils, Cutting oils, Golden Tool Brand and other specialty tools. **28 - 34**

Condensate Management Safe-T-Switch® overflow switches, Aqua Guard® overflow sensors, Goliath® and Titan® condensate pans and risers. **35 - 44**

Metacaulk® **Firestopping** the worldwide leader in firestop technology. Specifically designed caulks and collars fill voids in construction joints and around penetrations in fire-rated walls or floors preventing the spread of fire. **45 - 52**

Other Products Kickstart® hard start devices, Mighty Bracket mini-split installation tool, Acid Away® compressor burnout acid neutralizers, Anti-Seize compounds, Speciality cleaners and degreasers. **53 - 62**

Index **63**



Scan for RectorSeal® homepage

Pipe Joining

Pipe Thread Sealants •

Low-VOC Solvent Cements •

Primers / Cleaners •

Paste Fluxes •

Soldering Accessories •





RECTORSEAL® PIPE THREAD SEALANTS

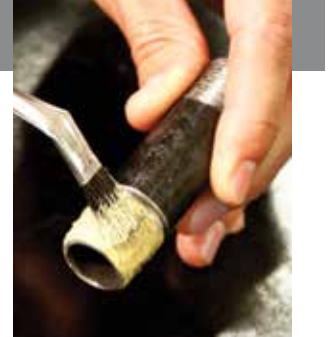
RectorSeal No. 5®

Multi-purpose pipe thread sealant

Code	Description	Qty.
25790	1-¾ oz.	24
25631	¼ pt.	24
25551	½ pt.	24
25431	1 pt.	12
25300	1 qt.	12
25271	1 gal.	4
25191	5 gal.	1
25112	55 gal.	1

Application • Lubricates and protects threaded pipe and fittings • Can be pressurized immediately up to 100 psi for piping up to 2" diameter • Ideal for a wide variety of fluids and gases including potable water

Recommended for • Galvanized Steel
• Iron • Brass • Copper • Aluminum
• Stainless Steel • Polyethylene
• RTRP • PVC



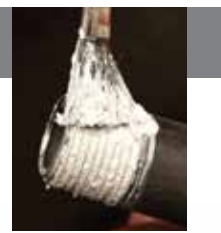
- FEATURES**
- Soft set / Slow drying
 - Lead free
 - Smooth application
 - 2 year shelf life
 - Certified to NSF/ANSI 61-G & 372



Also available in 55 gal. container.

RectorSeal T plus 2®

PTFE enriched pipe thread sealant



Code	Description	Qty.
23710	1-¾ oz.	24
23631	¼ pt.	24
23551	½ pt.	24
23431	1 pt.	12
23391	1 qt.	12
23271	1 gal.	4
23112	55 gal.	1

Application • Contains PTFE & synthetic fibers for superior performance • Can be pressurized immediately following application

- Recommended for**
- Galvanized Steel • Iron
 - Brass • Copper • Aluminum
 - Stainless Steel
 - Polyethylene • RTRP
 - PVC • CPVC • ABS



Also available in 55 gal. container.



- FEATURES**
- Non-setting
 - Lead free
 - 2 year shelf life
 - Certified to NSF/ANSI 61-G & 372

RectorSeal Tru-Blu™

Vibration resistant pipe thread sealant



Code	Description	Qty.
31780	1-¾ oz.	24
31631	¼ pt.	24
31551	½ pt.	24
31431	1 pt.	12
31300	1 qt.	12

Application • For high vibration environments such as refrigeration and industrial applications • Designed for sealing vibration prone NPT connections

- Recommended for**
- Galvanized Steel • Iron
 - Brass • Copper • Aluminum
 - Stainless Steel • PVC
 - Polyethylene
 - Reinforced fiberglass



- FEATURES**
- Fast drying / Flexible set
 - Contains PTFE
 - Lead free
 - 2 year shelf life
 - Certified to NSF/ANSI 61-G & 372

*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

**FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.

PIPE THREAD SEALANTS

Continued

No. 5[®] Special

Low odor pipe thread sealant

Code	Description	Qty.
26551	½ pt.	24
26431	1 pt.	12
26390	1 qt.	12
26112	55 gal.	1



FILE NO. 1282

FEATURES

- Low temperature application
- Non-hardening
- Lead free

Application • Non-staining, non-setting for use on gas piping or gas detection equipment • Can be pressurized immediately

Recommended for • Galvanized Steel • Iron • Brass • Copper
• Aluminum • Stainless Steel • Polyethylene • RTRP • PVC



See ordering chart for container sizes available.

No. 5[®] Sub-Zero

Low temperature, low odor pipe thread sealant

Code	Description	Qty.
27731	¼ pt.	24
27651	½ pt.	24
27541	1 pt.	12
27460	1 qt.	12
27371	1 gal.	4
27111	5 gal.	1
27222	55 gal.	1



FILE NO. 1282

FEATURES

- Low temperature application -35°F
- All weather formula
- Lead free

Application • Odorless, non-staining, low temperature application • Brushable to -35°F • Can be pressurized immediately

Recommended for • Galvanized Steel • Iron • Brass • Copper
• Aluminum • Stainless Steel • Polyethylene • RTRP • PVC



See ordering chart for container sizes available.

No. 100 Virgin™

Industrial grade PTFE pipe thread sealant

Code	Description	Qty.
22631	¼ pt.	24
22551	½ pt.	24
22431	1 pt.	12
22390	1 qt.	12
22271	1 gal.	4
22191	5 gal.	1
22112	55 gal.	1



FILE NO. 1282



FEATURES

- Non-setting
- Lubricates & protects threads
- Lead free

Application • Non-hardening, industrial grade sealant containing virgin PTFE to provide maximum sealing performance

- Can be pressurized immediately • Brushable from 20°F to 140°F

Recommended for • Galvanized Steel

- Iron • Brass • Copper
- Aluminum • Stainless Steel
- Polyethylene • RTRP
- PVC • CPVC • ABS



See ordering chart for container sizes available.

Blue+™

PTFE enriched non-setting pipe thread sealant

Code	Description	Qty.
31633	¼ pt.	24
31553	½ pt.	24
31433	1 pt.	12
31303	1 qt.	12



File No. 1282



LISTED PIPE JOINT COMPOUND MH12259

FEATURES

- Non-Setting
- Lead Free
- 2 year shelf life
- Certified to NSF/ANSI 61-G & 372

Application • Use on lines carrying potable water (hot or cold), DWV, natural gas, LPG, compressed air, and most other industrial gases. • Up to 10,000 psi liquid and 2,000 psi gases. • Temperature service range of -15°F to 350°F. • Not recommended for oxygen.

Recommended for • Galvanized Steel • Iron • Brass • Stainless Steel • Copper • Aluminum • PVC • CPVC • ABS • Polyethylene Reinforced Fiberglass



PIPE THREAD SEALANTS

No. 7 Corrosive chemical pipe thread sealant

Code	Description	Qty.
17432	1 pt.	4

FEATURES

- Soft Set
- Lead free

Application • Slow drying sealant for use with lines carrying corrosive chemicals: diluted acids, caustics and other chemical solutions



Recommended for • Galvanized Steel
• Iron • Brass • Copper • Aluminum
• Stainless Steel



No. 21 Black, slow dry/soft set pipe thread sealant

Code	Description	Qty.
28651	½ pt.	24
28541	1 pt.	12
28222	55 gal.	1



FEATURES

- Black sealant
- Lead free
- Multi-purpose

Application • Soft set sealant for lines carrying a wide range of liquids and gases • For applications where black color is preferred
• Brushable from 20°F to 140°F

Recommended for

- Galvanized Steel • Brass
- Copper • Iron • Aluminum
- Stainless Steel
- Polyethylene • RTRP
- PVC

Also available in 55 gal. container.



PTFE Tape 100% pure PTFE pipe thread sealant tape

Code	Description	Qty.
35942	½" x 260"	12
35943	½" x 520"	12
35944	½" x 1296"	12
35945	¾" x 260"	12
35946	¾" x 520"	12
35947	¾" x 1296"	12
35949	1" x 520"	12

Application • Resistant to most liquids and gases as it is completely inert

- Available in a wide variety of sizes.





RECTORSEAL® LOW-VOC SOLVENT CEMENTS

Apply all solvent cements in conjunction with RectorSeal primer

Pete™ 602L

○ Clear - medium body PVC solvent cement

Code	Description	Qty.
55922	¼ pt.	24
55924	½ pt.	24
55926	1 pt.	12
55928	1 qt.	12
55916	1 gal.	4



FILE NO. 1796

FEATURES

- Reduces product run-off
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • For up to 6" for schedule 40; 1-¼" for schedule 80

Recommended for • Potable water
• Pressure pipe • Gas • Conduit
• Sewers • DWV systems



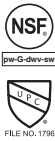
LOW-VOC SOLVENT CEMENTS

Continued

Gene™ 404L

○ Clear - regular body PVC solvent cement

Code	Description	Qty.
55901	¼ pt.	24
55902	½ pt.	24
55904	1 pt.	12
55906	1 qt.	12
55908	1 gal.	4



FEATURES

- Fast setting formula
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • ABS to PVC non-pressured transition joints • Schedule 40 up to 2" pressure; up to 4" non-pressure pipe (DWV)

Recommended for

- Potable water
- Pressure pipe • Gas
- Conduit • Sewers
- DWV systems



Gold™ 844L

○ Clear - heavy body PVC solvent cement

Code	Description	Qty.
55950	¼ pt.	24
55951	½ pt.	24
55952	1 pt.	12
55954	1 qt.	12
55955	1 gal.	4



FEATURES

- Excellent gap filling
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • For pipe up to 12" schedule 40 and schedule 80

Recommended for

- Potable water
- Pressure pipe • Gas
- Conduit • Sewers
- DWV systems



Homer™ 828L

○ Gray - heavy body PVC solvent cement

Code	Description	Qty.
55960	½ pt.	24
55961	1 pt.	12
55963	1 qt.	12
55964	1 gal.	4



NSF
G-95499



UPC
FILE NO. 1796

FEATURES

- Superior bonding strength
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • For pipe up to 12" schedule 40 and schedule 80 • Remains stable from 40°F to 120°F

Recommended for

- Potable water
- Pressure pipe
- Gas • Conduit
- Sewers
- DWV systems



Also available in gallon can



Arctic™ 616L

○ Clear - medium body PVC solvent cement

Code	Description	Qty.
55919	1 pt.	12
55948	1 qt.	12
55953	1 gal.	4



NSF
G-95499



UPC
FILE NO. 1796

FEATURES

- Formulated for use in cold weather
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 specs

Application • Premium polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • Pipe up to 6" schedule 40; 1-¼" schedule 80 • Remains stable from 0°F to 120°F

Recommended for

- Potable water
- Pressure pipe
- Gas • Conduit
- Sewers
- DWV systems



John™ 647L

○ Black - medium body ABS solvent cement

Code	Description	Qty.
55938	¼ pt.	24
55940	½ pt.	24
55942	1 pt.	12
55944	1 qt.	12



FEATURES

- For ABS pipe
- LEED compliant
- 2 year shelf life
- Exceeds ASTM D2235 specs

Application • Used for joining Acrylonitrile butadiene styrene (ABS) pipe and socket-type fittings which meet classes as defined in ASTM specification D1788 • Pipe up to 6" on all schedules • Use year-round; remains stable from 40°F to 120°F

Recommended for

- ABS Pressure pipe
- Gas • Conduit
- Sewers
- DWV systems



LOW-VOC SOLVENT CEMENTS

Continued

Charlie™ 412L

Orange - regular body CPVC solvent cement

Code	Description	Qty.
55956	¼ pt.	24
55957	½ pt.	24



PW-GDW



FILE NO. 4596

FEATURES

- For CPVC pipe
- LEED compliant
- 2 year shelf life
- Meets ASTM F493 specs

Application • Chlorinated polyvinyl chloride (CPVC) solvent cement for joining CPVC pipe, tubing and socket-type fittings which meet Class 23497 as defined in ASTM specification D1784

- For use on CPVC pipe up to 2" schedule 40

Recommended for

- Potable water
- Pressure pipe
- Sewers
- DWV systems



Heavy Duty 811L

Orange - heavy body CPVC solvent cement

Code	Description	Qty.
55967	1 pt.	12
55968	1 qt.	12
55971	1 gal.	4



PW-GDW



FILE NO. 4596

FEATURES

- For CPVC pipe
- LEED compliant
- 2 year shelf life
- Meets ASTM F493 specs

Application • Chlorinated polyvinyl chloride (CPVC) solvent cement for joining CPVC pipe, tubing and socket-type fittings which meet Class 23497 as defined in ASTM specification D1784

- For use on CPVC pipe up to 12" schedule 40 and schedule 80

Recommended for

- Potable water
- Pressure pipe
- Sewers
- DWV systems

Also available
in gallon can.



Mike™ 425L

Amber - regular body multi-purpose solvent cement

Code	Description	Qty.
55969	¼ pt.	24
55970	½ pt.	24
55973	1 pt.	12
55974	1 qt.	12

FEATURES

- Multi-purpose
- LEED compliant
- 2 year shelf life
- Meets ASTM D3138 specs

Application • For use on PVC, CPVC and ABS plastic pipe and socket-type fittings

- Can be used on transitions joints to join PVC to CPVC and PVC to ABS

Recommended for

- Water • Conduit
- DWV systems



LOW-VOC SPECIALTY SOLVENT CEMENTS

Dura-Gold™ 627L

● Gold - medium body CPVC solvent cement

Code	Description	Qty.
55992	½ pt.	24
55998	1 pt.	12



FEATURES

- One-step, no primer needed
- LEED compliant
- 2 year shelf life
- Meets ASTM F493 specs

Application • Chlorinated polyvinyl chloride (CPVC) solvent cement used for joining FlowGuard Gold®* CPVC and fittings • All schedules and classes up to 2" schedule 40 and up to 1-¼" on schedule 80

Recommended for

- All CPVC pipe
- Potable water
- Pressure pipe
- DWV systems

*FlowGuard Gold is a licensed trademark of The Lubrizol Corporation



Hot™ 203L

● Blue - medium body PVC solvent cement

Code	Description	Qty.
55988	¼ pt.	24
55989	½ pt.	24
55990	1 pt.	12
55993	1 qt.	12
55994	1 gal.	4



FEATURES

- Fast drying
- Excellent in cold weather
- LEED compliant
- 2 year shelf life
- Meets ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement joins both rigid and flexible PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specifications D1784 • For all rigid PVC classes up to 6" schedule 40 and 1-¼" schedule 80

Recommended for

- Irrigation
- Pools
- Spas
- Potable water
- Pressure pipe
- Gas
- Conduit
- Sewers
- DWV systems
- Flexible PVC hose

Also available in gal. can



PVC Electrical Conduit 633L

○ Clear/Gray - medium body solvent cement

Code	Description	Qty.
55980	½ pt. - clear	24
55983	1 pt. - clear	12
55985	1 qt. - clear	12
55986	1 gal. - clear	4
55995	1 pt. - gray	12
55996	1 qt. - gray	12

Clear Only



FEATURES

- Conduit types I & II
- No primer needed on ENT
- LEED compliant
- 2 year shelf life
- Meets ASTM D2564 specs

Application • Clear or gray to match conduit color • Thick formula to reduce runoff • Up to and including 6" Schedule 40 and Schedule 80

Recommended for

- PVC conduit



Thread Sealants

Solvent Cements

Fluxes

DWV Solutions

Plumbing Products

Condensate Management

Firestopping

Other Products



RECTORSEAL® PRIMERS & CLEANERS

Jim™ PR-1L

○ Purple - Low-VOC hi-etch primer

Code	Description	Qty.
55910	¼ pt.	24
55912	½ pt.	24
55914	1 pt.	12
55918	1 qt.	12
55920	1 gal.	4



pw-g-dwv



FILE NO. 4585

FEATURES

- Fast acting
- Superior bonding
- LEED compliant
- 2 year shelf life
- Low-VOC
- Meets ASTM F656 specs

Application • Prepares surfaces for superior bonding strength • For use on PVC and CPVC pipe, tubing and socket-type fittings in both schedule 40 and schedule 80

Recommended for • Potable water
• Pressure pipe • Gas • Conduit
• Sewers • DWV systems



Clear PR-2L

○ Clear - Low-VOC hi-etch primer

Code	Description	Qty.
55972	1 pt.	12
55981	1 qt.	12
55982	1 gal.	4



FEATURES

- Fast acting
- Superior bonding
- LEED compliant
- 2 year shelf life
- Low-VOC
- Meets ASTM F656 specs

Application • Prepares surfaces for superior bonding strength • For use on PVC and CPVC pipe, tubing and socket-type fittings in both schedule 40 and schedule 80

Recommended for

- Potable water
- Pressure pipe • Gas
- Conduit • Sewers
- DWV systems

Also available
in gallon can.



Bill™ PR-3

○ Clear - Hi-etch primer

Code	Description	Qty.
55701	¼ pt.	24
55703	½ pt.	24
55705	1 pt.	12
55707	1 qt.	12
55709	1 gal.	4

FEATURES

- PVC & CPVC systems
- Etches & penetrates
- Safe for potable water
- 2 year shelf life

Application • Primer for use on all PVC and CPVC pipe, tubing and socket-type fittings to etch and penetrate the surface increasing body strength • Use with all sizes and classes in both schedule 40 and schedule 80

Recommended for

- Potable water
- Pressure pipe
- Gas • Conduit
- DWV systems

Also available
in gallon can.



Sam™ CL-3L

○ Clear - Low-VOC cleaner

Code	Description	Qty.
55929	¼ pt.	24
55930	½ pt.	24
55932	1 pt.	12
55934	1 qt.	12
55936	1 gal.	4



FEATURES

- Fast acting
- Safe for potable water
- LEED compliant
- 2 year shelf life
- Low-VOC

Application • Clear cleaner for dissolving grease and dirt to prepare bonding surfaces for solvent cementing • Use for PVC, CPVC and ABS pipe, tubing and socket-type fittings schedule 40 and schedule 80

Recommended for

- Potable water
- Pressure pipe
- Gas • Conduit
- DWV systems



GENERAL SERVICE RECOMMENDATIONS

Solvent Cements • Cleaners • Primers

S O L V E N T C E M E N T S						
Product Name	Pete 602L	Gene 404L	Gold 844L	Homer 828L	Arctic 616L	John 647L
Application	PVC	PVC & Transition Joints	PVC	PVC	PVC	ABS
Color	Clear	Clear	Clear	Gray	Gray	Black
Max. Pipe Size Schedule 40	6"	2" Pressure	12"	12"	6"	6"
Max. Pipe Size Schedule 80	1¼"	4" DWV	12"	12"	1¼"	6"
Body Type	Medium Body	Regular Body	Heavy Body	Heavy Body	Medium Body	Medium Body
Cure Time	Fast Set	Fast Set	Medium Set	Medium Set	Fast Set	Medium Set
ASTM	D2564	D2564	D2564	D2564	D2564	D2235

S O L V E N T C E M E N T S						
Product Name	Charlie 412L	Heavy Duty 811L	Mike 425L	Dura-Gold 627L	Hot 203L	PVC Electrical Conduit 633L
Application	CPVC	CPVC	Multipurpose ABS/PVC/CPVC	CPVC	PVC	PVC
Color	Orange	Orange	Amber	Gold	Blue	Gray / Clear
Max. Pipe Size Schedule 40	2"	12"	2" Pressure	2"	6"	6"
Max. Pipe Size Schedule 80	—	12"	6" DWV	2"	1¼"	6"
Body Type	Regular Body	Heavy Body	Regular Body	Medium Body	Medium Body	Medium Body
Cure Time	Fast Set	Medium Set	Fast Set	Medium Set	Very Fast Set	Fast Set
ASTM	F493	F493	D3138	F493	D2564	D2564

C L E A N E R S & P R I M E R S				
Product Name	Sam CL-3L	Jim PR-1L	Clear PR-2L	Bill PR-3
Product Type	Cleaner	Primer	Primer	Primer
Application	PVC, CPVC, ABS	PVC, CPVC	PVC, CPVC	PVC, CPVC
Color	Clear	Purple	Clear	Clear



NOKORODE® PASTE FLUXES

Nokorode® Aqua Flux™

Code	Description	Qty.
74044	2 oz.	48
74047	4 oz.	24
74046	16 oz.	12



FEATURES

- Lead free
- Creamy, smooth paste
- Safe for potable water systems
- Certified to NSF/ANSI 61-G & 372
- Meets ASTM B-813 specs
- Complies with AB 1953 requirements

Water washable flux

Application

- Meets the ASTM B-813 standard requiring that flux residue shall be water flushable after soldering
- Superior wetting ability; Allows solder to flow easily and uniformly into joints
- Lead free joints

Recommended for

- Solid wire solders 95/5, 60/40, 50/50 and 40/60
- For use with the silicon family of metal alloy products



NOKORODE® PASTE FLUXES

Continued

Nokorode® Regular

Multi-purpose paste flux

Code	Description	Qty.
14000	1.7 oz.	48
14010	4 oz.	24
14020	8 oz. tool box	24
14030	1 lb.	12

**FEATURES**

- Lead Free
- Cleans & fluxes all at one time
- Safe for potable water systems
- Certified to NSF/ANSI 61-G & 372
- Meets O-F-506 Type 1A & A-A-51145, MIL-F-4995-2 specs

Application • All purpose, soft soldering paste flux with a special oil base that protects the solder against corrosive attack

- Non-aggressive formula. Ideal for copper and brass fittings

Recommended for

- All solder alloys including 95/5 and lead free solders

**Nokorode® Hot Weather**

Does not liquefy in hot temperatures

Code	Description	Qty.
14800	1.7 oz.	48
14820	8 oz. tool box	24
14830	1 lb.	12

FEATURES

- Lead Free
- Cleans & fluxes all at one time
- Meets O-F-506 Type 1A & A-A-51145, MIL-F-4995-2 specs

Application • Formulated to remain firm and stable in higher temperatures • Non-aggressive formula for use on copper and brass fittings

Recommended for

- All solder alloys including 95/5 and lead free solders

**Nokorode® Cold Weather**

Does not harden in cold temperatures

Code	Description	Qty.
14700	1.7 oz.	48
14720	8 oz.	24
14730	1 lb.	12

FEATURES

- Lead Free
- Cleans & fluxes all at one time
- Meets O-F-506 Type 1A & A-A-51145, MIL-F-4995-2 specs

Application • Formulated to stay soft and sticky in cold weather • Low corrosivity, scorching and spattering. Works to deliver a strong, leak-free joint

Recommended for

- All solder alloys including 95/5 and lead free solders



SPECIALTY FLUXES

Nokorode® Pre-Tinning

Code	Description	Qty.
14115	8 oz. tool box	24

FEATURES

- Lead free
- Cleans, pre-tins and fluxes
- Excellent wetting ability

95/5 Paste Flux

Application • Formulated with 95/5 tin/antimony which pre-tins before wire solder is applied • Excellent for use on large diameter fittings or faster soldering of smaller diameter fittings

Recommended for • 95/5 • 50/50
• Common metals (copper, tin, zinc, nickel and sheet lead)



C-Flux®

High quality flux

Code	Description	Qty.
74026	3 oz.	48
74025	12 oz.	24

FEATURES

- Lead free
- Blend of 95/5 tin/antimony

Application • Soft soldering, multi-purpose paste that contains a blend of flux and powdered solder (95/5 tin/antimony) • Cleans, fluxes and pre tins in one operation

Recommended for
• 95/5 • 60/40 • 50/50
• 40/60 • All solderable metals (copper, tin, zinc, nickel and sheet lead)



Fluxomatic™ Gel

Instant acting flux

Code	Description	Qty.
74104	8 oz.	24

FEATURES

- Non-acid
- No fumes or odor
- Leaves no residue
- Will not clog valves

Application • Prepares metals for rapid soldering in the 370°F to 550°F range
• Easy application assures total removal of oxide films and a joint that is completely soldered

Recommended for • Copper • Brass
• Bronze • Tin • Zinc • Sheet metal
• Stainless steel • Galvanized metal
• Nickel • Chrome • Monel
• Ferrous metal
(cast iron, iron and steel)



SOLDERING ACCESSORIES

Rectorshield™

Heat absorption paste

Code	Description	Qty.
83554	11 oz. tube	24

FEATURES

- Biodegradable
- Odorless

Application • A heat absorption paste to help prevent damage to sensitive controls, valves, plastic faucet parts, equipment and other soldered connections • Reduces heat transfer by absorbing thermal energy from heat and flames

Recommended for

- Copper
- Other types of metal pipe



Regular Sandcloth

Standard abrasion

Code	Description	Qty.
61720	10 yd.	50
61730	25 yd.	20

FEATURES

- Sharp, aluminum-oxide quality sandcloth
- Strong, flexible cloth backing

Application • Ideal for the preparation of copper tubing and fittings where water and solvents are not a major factor

Recommended for

- Copper



Open Mesh Sandcloth

Reusable waterproof abrasion

Code	Description	Qty.
61760	5 yd.	50
61759	10 yd.	50
61758	25 yd.	20

FEATURES

- Reusable
- 100% waterproof
- Tear-resistant nylon backing

Application • A premium abrasive, waterproof material with top quality performance

- If the material becomes loaded with fillings, simply rinse in water and tap out.

Recommended for

- Copper



DWV Solutions

Backwater Valves •

Test Couplings •

Air Admittance Valves •

Trap Fittings •





DWV SOLUTIONS

Clean Check®

Extendable Backwater Valve Kit



Code	Description	Qty.
96921	3" PVC	3
96922	4" PVC	3
96926	6" PVC	3
96931	3" PVC w/adaptor & plug	3
96932	4" PVC w/adaptor & plug	3
97023	3" PVC	1
97024	4" PVC	1
97026	6" PVC	1
97033	3" PVC w/adaptor & plug	1
97034	4" PVC w/adaptor & plug	1
96901	3" ABS	3
96902	4" ABS	3
96911	3" ABS w/adaptor & plug	3
96912	4" ABS w/adaptor & plug	3
97003	3" ABS	1
97004	4" ABS	1
97013	3" ABS w/adaptor & plug	1
97014	4" ABS w/adaptor & plug	1
96980	3"-4" flapper (original style)	1
96981	3"-4" flapper (2015)	1
96982	6" flapper	1
97002	3"-4" ABS rebuild kit (2015)	1
97022	3"-4" PVC rebuild kit (2015)	1
97025	6" PVC rebuild kit (2015)	1



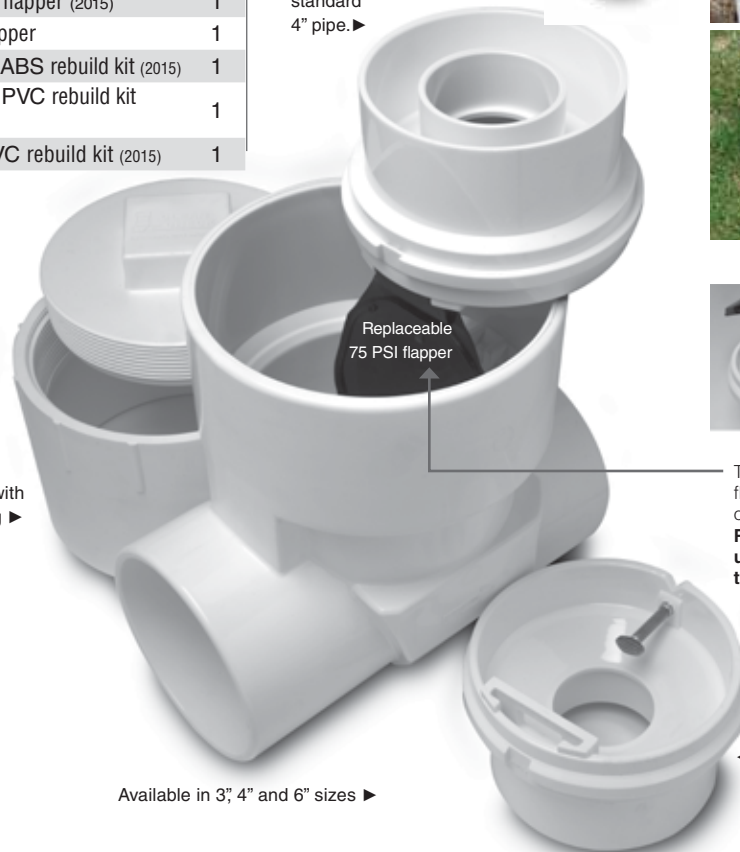
Optional Clean-out with adapter plug ▶

Application • Prevents sewage backup into plumbed structures as a result of a plugged sewer system, excess volume in the system or groundwater flooding.

Application • PVC • ABS

Features • No manhole required • Installs discretely outside - up to 12' below ground level. • Above ground outdoor maintenance accessibility eliminates hidden access indoor applications, and the sewer odor and mess of indoor maintenance. • Meets IPC, UPC/IAPMO, ICC, IRC, CSA plumbing codes.

Lower Collar with Flapper.
3" and 4" collars accept both 2" and 4" standard pipe 6" Clean Check collars accept standard 4" pipe. ▶



Original New

The new 2015 snap-in, pull-out flapper style, will phase out the original flapper.

Rebuild kits are offered to upgrade older installations to the 2015 flapper.

◀ Upper Collar

◀ Valve Body

Available in 3", 4" and 6" sizes ▶

Hubsett™

Test coupling

Code	Description	Qty.
97050	3" ABS w/ hub & spigot	12
97051	3" PVC w/ hub & spigot	12
97052	4" ABS	12
97053	4" PVC	12
97063	4" PVC w/ hub & spigot	12

Application • Uniquely designed coupling and test device all-in-one
 • Allows the building's drain waste and vent system to be connected to the sewer line prior to the initial test
 • Easily removed with one quick pull on the release cord

Recommended for • ABS • PVC
Includes • Dome • Coupling • Float



FEATURES

- Holds pressure every time
- Safe to use
- No pump or special tools needed
- Test with air or water
- 12 ft. cord



Tom-Kap™

Flush-fit cleanout adapter & plug

Code	Description	Qty.
97480	2" ABS	24
97481	2" PVC	24
97482	3" ABS	24
97483	3" PVC	24
97484	4" ABS	24
97485	4" PVC	24

Application • Threaded adapter cements inside the pipe, providing a flush-finished cleanout for DWV systems

Recommended for
 • Schedule 40 • SDR-35 • Foam core
Includes • Top fitting • Cap



FEATURES

- Reduces installation cost
- Simplifies rough-in



DWV SOLUTIONS

Continued

SureSeal®

Waterless inline floor drain trap seal

Code	Description	Qty.
97041 (SS2009V)	2" Drain trap seal	6
97042 (SS3009V)	3" Drain trap seal	6
97043 (SS3509V)	3½" Drain trap seal	6
97044 (SS4009V)	4" Drain trap seal	6



FEATURES

- Stops drain odors and bugs
- Simple one-piece installation
- 4 press fit models fit all drains
- Patented air relief valve
- Economical
- Saves water - eliminates need for trap primer

SureSeal is the preferred choice of engineers, PHC professionals and code officials across the country. Certified to ASSE 1072 for use in any drain - in any location.

SureSeal® waterless in-line floor drain trap seal easily press fits into any standard drain to seal out odors & bugs.

Application • SureSeal can be used with all 2", 3", and 4" floor drains and in 3½" and 4" floor drain strainers to trap odors. i.e. shower drains, outdoor drains, basement drains, water heater drains, HVAC condensation drains, maintenance areas, floor/mop sinks, residential bathrooms, under kitchen sinks, apartment and condo bathrooms. • SureSeal can be easily retrofitted to older drains, as its variety of designs ensure compatibility with all other drain types.

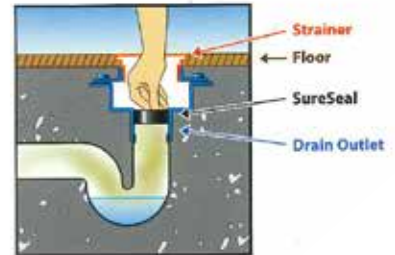
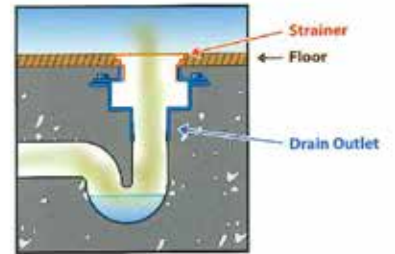
Installation Instructions:

Ideally the installation should take place during the trim out stage. This ensures the construction debris will not damage the SureSeal.

1. Insert SureSeal into strainer throat making sure the SureSeal is level and properly seated.
2. Complete trim out of floor drain.

• For Retro-fit Instructions:

1. Remove grate from floor drain and thoroughly clean the strainer throat.
2. Insert SureSeal into strainer throat making sure the SureSeal is level and properly seated.
3. Replace grate on floor drain.



Models available to universally fit any manufacturer's ANSI/ASME A112.6.3 conforming drain.

U.S. Patent No. 9,010,363 B2

Contact: RectorSeal® P 713-263-8001 | 800-231-3345 F 713-263-7577 | 800-441-0051 W rectorseal.com

SureSeal® Plus

Waterless inline floor drain trap seal / backwater protection

Code	Description	Qty.
97045 (SS2009Plus)	2" Drain trap seal/check valve	6
97046 (SS3009Plus)	3" Drain trap seal/check valve	6



FEATURES

- Stops drain backup
- Stops drain odors and bugs
- Stops up to 5ft of head pressure
- Simple one-piece installation
- 4 press fit models fit all drains
- Patented air relief valve
- Economical
- Saves water - eliminates need for trap primer

SureSeal® Plus waterless in-line floor drain trap seal fits into any standard drain to seal out drain odor, bugs and also provides protection against drain backup up to 5ft of head pressure.

Application • SureSeal Plus can be used with all 2", and 3", and i.e. shower drains, outdoor drains, basement drains, water heater drains, HVAC condensation drains, maintenance areas, floor/mopsinks, residential bathrooms, under kitchen sinks, apartment and condo bathrooms. • SureSeal Plus can be easily retrofitted to older drains, as its variety of designs ensure compatibility with all other drain types.



Installation Instructions:

Remove the grate from the drain. Insert 3/8" ratchet with extensions into the center top of the SureSeal Plus installation tool and place into the drain opening. Turn the ratchet clockwise while putting downward pressure on the ratchet and tighten until the ratchet slips. The SureSeal Plus is now installed to spec. Remove the ratchet and installation tool. Discard installation tool and reinstall the grate.

U.S. Patent No. 9,010,363 & Patent Pending

SureSeal® Vent-Guard

Roof vent and grease interceptor odor control

Code	Description	Qty.
97065 (SS214VG)	2" Vent Seal	6
97066 (SS314VG)	3" Vent Seal	6
97086 (SS414VG)	4" Vent Seal	6

FEATURES

- Stops roof odors
- Grease Interceptor
- Stops roof vent pipe nesting
- Stops roof vent freezing
- Simple one-piece installation
- 2," 3", 4" press fit models
- Economical

SureSeal® Vent-Guard provides odor control for roof vents and grease interceptors. Also eliminated roof vent blockages from nesting.

Application • Can be used with all 2", 3", and 4" roof vent piping, and is easily retrofitted to older roof vents.

Installation Instructions:

Press fit into roof vent. Check and clean as necessary for grease buildup.



Patent Pending

DWV SOLUTIONS

Continued

RectorSeal®

G-O-N®

U.S. Patent # 7,618,067

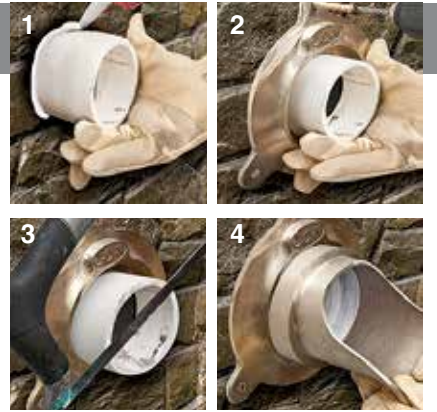
Installs directly onto PVC drain pipe

Code	Glue-On-Nozzle Kit	Qty.
82700	2" Glue-On-Nozzle w/Escutcheon	1
82703	3" Glue-On-Nozzle w/Escutcheon	1
82706	4" Glue-On-Nozzle w/Escutcheon	1
82708	6" Glue-On-Nozzle w/Escutcheon	1
82710	8" Glue-On-Nozzle w/Escutcheon	1
82713	10" Glue-On-Nozzle w/Escutcheon	1
82715	12" Glue-On-Nozzle w/Escutcheon	1

Code	Anti-Theft Escutcheon	Qty.
82740	2" Escutcheon only	1
82743	3" Escutcheon only	1
82745	4" Escutcheon only	1
82748	6" Escutcheon only	1
82751	8" Escutcheon only	1
82755	10" Escutcheon only	1
82758	12" Escutcheon only	1

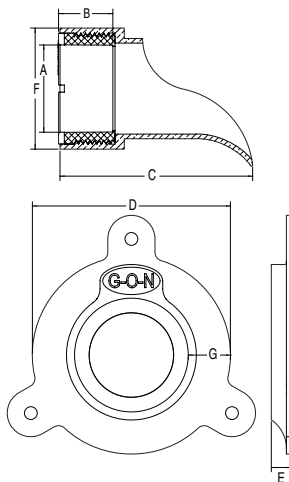
Code	Bird Screen	Qty.
82720	2" Bird Screen	1
82723	3" Bird Screen	1
82725	4" Bird Screen	1
82727	6" Bird Screen	1
82730	8" Bird Screen	1
82733	10" Bird Screen	1
82735	12" Bird Screen	1

Application • Use G-O-N for easier installation of wall drainage. • PVC insert allows quick gluing. • Nickel Brass finish provides professional appearance. • One step process eliminates the need for additional site work to coordinate with masonry or stucco crew.



Sizes from 2" to 12"

Glue-On-Nozzle with integral PVC insert

**SPECIFICATIONS**

G-O-N	Approx. weight in lbs.	A Inside diameter	B Hub depth	C Nozzle depth	D Escutcheon width	E Escutcheon depth	F Overall dimension	G Escutcheon width
2"	3	2.39"	1.5"	5.25"	5.75"	.50"	3.25"	1.25"
3"	5	3.52"	1.5"	5.37"	7.00"	.57"	4.50"	1.25"
4"	7	4.52"	1.5"	5.37"	8.00"	.57"	5.50"	1.25"
6"	10	6.65"	1.5"	5.62"	10.25"	.57"	7.50"	1.25"
8"	13	8.65"	1.5"	5.62"	12.37"	.57"	10.00"	1.25"
10"	21	10.78"	2.5"	6.50"	14.50"	.57"	12.00"	1.25"
12"	26	12.78"	2.5"	7.50"	16.50"	.50"	14.00"	1.25"

Magic Vent®

Air admittance valves



Code	Description	Qty.
97400	Micro	12
97405	Micro w/ PVC adapter	12
97406	Micro w/ ABS adapter	12



FEATURES

- Eliminates roof penetrations
- Great design flexibility
- Saves time and money
- Permitted for use in accordance with: IPC 2012, Sec 917; IRC 2012; Manufactured Housing Construction and Safety Standard 2001

Application • Performs the function of a DWV system vent stack, protecting the trap seal from siphonage without the need for additional piping to the outdoors

Recommended for

- PVC • ABS



US Patent No. D427,286

Magic Trap™

Tubular polypropylene fitting

Code	Description	Qty.
97402	Trap with threaded tee	12

FEATURES

- Automatically places AAV 4" above drain pipes
- Saves time & money
- Tee threads directly into AAV

Application • 1-1/2" fitting replaces any standard 1-1/2" tubular trap • Magic Vent® Micro threads directly onto the tee connection of the Magic Trap™



Plumbing Products

Water Heater Flush •

Specialty Tools •

Leak Locators •

Lubricant & Cutting Oils •

Root Destroyer •





PLUMBING PRODUCTS

Calci-Free™

Tankless water heater flush

Code	Description	Qty.
68708	1.2 lbs.	12



FEATURES

- Restores circulation in 20 min.
- More effective than vinegar
- Easy to use with no strong odor
- Cleans heat exchanger fast
- Biodegradable

Application • Economical cleaner that restores circulation and pressure in commercial and residential tankless water heaters • Cleans heater coils thoroughly

Recommended for • Routine cleaning to remove calcium and other solid deposits from heating coils in tankless water heaters



Calci-Free™ Kit

Complete tankless water heater flush kit

Code	Description	Qty.
68711	Flush kit	1

FEATURES

- A complete cleaning system
- Cleans in only 20 minutes
- Easy to use
- Heavy duty, chemical resistant utility pump

Application • The complete system to clean & restore efficiency to tankless water heaters • Includes everything needed to safely and effectively remove scale and mineral deposits

Recommended for • Routine cleaning to remove calcium and other solid deposits from heating coils in tankless water heaters





GOLDEN TOOLS™

GoldenGrip™

Internal pipe wrench

Code	Description	Qty.
97250	Single ½"	6
97251	Single ¾"	6
97252	Double 1" - 1-¼"	3
97253	Double 1-½" - 2"	3
97256	Set of 4 tools	1

FEATURES

- Self-locking & reversible
- No thread damage
- Works in tight spaces

Application • The right tool for quick and easy installation or extraction of pipe nipples • Self-locking, reversible internal wrench can be used with ratchets, extensions and impact wrenches

Recommended for • Chrome Pipe
• Brass pipe • Can also be used to extract corroded pipe



*Sold separately in four sizes
or as a set of four with durable
carry case*



U.S. Patent No. 6,675,679B2

Golden Pipe Shredder™

Restore welded plastic fittings

Code	Description	Qty.
98040	1-1/2"	4
98041	2"	4
98042	3"	4
98043	4"	4
98050	Set of 4 tools	1

Application • Reams out solvent welded plastic fittings so they can be reused • Cuts stub outs to be flush or recessed with wall • Removes cracked water closet flanges



FEATURES

- Carbide cutting blades
- Unique guiding system
- Made of heat tempered steel
- One piece body

*Sold separately in four sizes
or as a set of four with
durable carry case*



Golden Extractor™

Tube drain tool

Code	Description	Qty.
97258	Universal	3

FEATURES

- Quickly extracts tub drains
- Use to install new tub drains
- Built in bolt/screw remover
- Universal size
- Made of heat tempered steel

Application • For extracting tub drains
• Utilizes a standard 3/8" drive ratchet to remove tub drains even when the cross arms are broken
• Installs new drains
• Removes bolts/screws where the heads are broken off or just won't move



U.S. Patent No. 7,024,972

PLUMBING TOOLS

Continued

Frugal Flush®

Adjustable flapper valve

Code	Description	Qty.
97760	Retroflapper™	12
97771	Universal 1.6 Blistercard	12
97774	Universal 1.6 Master carton	144

FEATURES

- Early closing flapper
- Superior performance
- Adjustable dial

Application • Water conservation device
• Adjustable dial allows for water savings

Recommended for • Retroflapper™ reduces water consumption in 3.5, 5 and 7 gal. tanks • Universal 1.6 replacement flapper is for 1.6 gal. tanks

U.S. Patent No. 5,390,375

**Quick Saw™**

Cable saw

Code	Description	Qty.
97575	Cable Saw	12

FEATURES

- Economical, durable
- Contoured, detachable handles
- 24" cable

Application • Ideal for cutting buried PVC pipe • Pipe located between joists
• Cutting PVC pipe flush with walls or floors

**Pipe Repair Kit**

Quick-fix pipe repair system

Code	Description	Qty.
82112	Pipe repair kit	12

FEATURES

- Easy to use
- Fast setting, durable repair
- Reduces repair cost
- Withstands pressure up to 450 PSI

Application • Stops leaks on all rigid pipes
• Consists of a 2" x 4' knitted fiberglass cloth coated with a water-activated polyurethane resin that adheres to all metal, plastic, fiberglass and concrete piping

Recommended for

- Plumbing • Pool • Spa • Irrigation
- HVAC applications

**Water Heater Stand**

Pre-assembled stand

Code	Description	Qty.
97750	For 30, 40 & 50 gal.	6
97753	For 75 & 100 gal.	3

FEATURES

- Compliance with National Fire Protection Association
- 2 sizes available

Application • One piece stand made of 3/4" square carbon-steel tubing
• Each stand carries a live load test of 2000 lbs.





LEAK LOCATORS

Better Bubble™

Gas leak locator

Code	Description	Qty.
65554	8 oz. - dauber top	12
65432	32 oz. - trigger spray	12
65273	1 gal.	4



FEATURES

- Fast acting
- Long lasting
- Easy to see bubbles
- Continuous bubbling

Application • Thick formula pinpoints the smallest natural gas, LPG and A/C refrigerant leaks with well defined elastic bubbles that stand up under pressure and windy conditions • Use on surface temperatures from 20°F to 250°F

Recommended for • All types of pipe, tubing, valves, tanks, pressure vessels, condenser / evaporator coils, refrigeration coils, and many other similar applications



RectorSeek™ Low-Temp

Low temperature leak locator

Code	Description	Qty.
61554	8 oz. dauber top	12
61434	16 oz. trigger spray	12
61273	1 gal.	4
61111	55 gal.	1

FEATURES

- Longer bubbling action
- Dauber or spray application
- Easy to apply

Application • Leak locator for use on pipes or tanks containing gases at low temperatures

- Effective from -35°F to 200°F

Recommended for • All types of pipe, tubing, valves, cylinders, tanks, pressure vessels, condenser / evaporator coils, refrigeration coils and many other similar applications

Also available in 5 and 55 gal. containers



RectorSeek™ Mid-Temp

Normal temperature leak locator

Code	Description	Qty.
60554	8 oz. dauber top	12
60434	16 oz. trigger spray	12
60273	1 gal.	4
60111	55 gal.	1

FEATURES

- Longer bubbling action
- Dauber or spray application
- Easy to apply

Application • Leak locator for use at normal temperature on pipe or tanks that contain gases

- Can be used on oxygen, air or gas at temperatures between 40°F to 200°F

Recommended for

• All types of pipe, tubing, valves, cylinders, tanks, pressure vessels, condenser / evaporator coils, refrigeration coils and many other similar applications



*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. **FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

PLUMBING PRODUCTS

Pipe Lube

Lubricant for gasketed pipe

Code	Description	Qty.
97700	2 lbs.	12



FEATURES

- Contains no petroleum
- Non-toxic & biodegradable

Application • Lubricant for use on all types of gasketed pipe
 • Can be used on potable water systems



Dark Cutting Oil

Low rpm machine thread cutting oil

Code	Description	Qty.
94392	1 qt.	12
94272	1 gal.	6
94192	5 gal.	1
94111	55 gal.	1

FEATURES

- Increased lubricity/longer die life
- Penetrates quickly
- Keeps dies cool.

Application • Designed to reduce friction
 • Effective coolant and anti-weld agent
 • An extreme pressure lubricant during thread cutting operations
 • Will not congeal above 20°F



Root Destroyer

Destroy root growth

Code	Description	Qty.
81394	2 lbs.	12

FEATURES

- Fast acting at dissolving roots
- Will not harm tree or shrub
- Meets EPA Reg. No. 1278-5-5

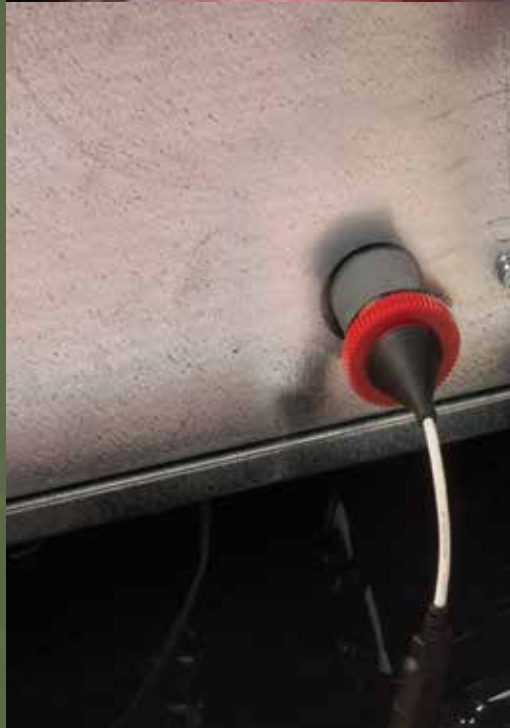
Application • Formulated to destroy and control the growth of roots which enter sewer systems through the pipe joints or cracks
 • Absorbed only by the roots



Condensate Management

Condensate Overflow Switches •

Condensate Pans & Risers •





SAFE-T-SWITCH® CONDENSATE OVERFLOW SWITCHES

Model SS1

Primary drains or auxiliary drain outlets

Code	Description	Qty.
97632	Model SS1	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Install vertically or horizontally
- Connect to either red or yellow wire

US Patent No. 6,442,955



Application • Detects clogged A/C condensate drains and shuts off the system to prevent water damage to floors, walls and ceilings • Can be installed horizontally or vertically, inline or on the primary pan's auxiliary drain outlet by using the included 3/4" adapter, bushing and cap • Can be installed on a sloping line and does not need to be level or plumb



Model SS2

Primary pan auxiliary outlet

Code	Description	Qty.
97637	Model SS2	24



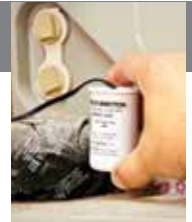
FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire

US Patent No. 6,442,955



Application • Detects clogged A/C condensate drains and shuts off the system • Using the 3/4" adapter the SS2 can be installed on the auxiliary outlet of the primary drain pan • Easy access to the switch and the primary drain line for service



Model SS3

Primary & auxiliary drain pans

Code	Description	Qty.
97647	Model SS3	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire

US Patent No. 6,698,215



Application • Detects clogged A/C condensate drains and shuts off the system • Steel mounting bracket clips firmly over the edge of most drain pans • Slim-profile can be installed on primary or auxiliary drain pans



Model SS2AP

Plenum rated

Code	Description	Qty.
97640	Model SS2AP	50



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire

US Patent No. 6,442,955



Application • Detects clogged A/C condensate drains and shuts off the system • Schedule 80 CPVC, plenum rated and listed to UL-2043 • Use 3/4" adapter to install on the auxiliary outlet of the primary drain pan

SS 103 E

Dual sensors

Code	Description	Qty.
97692	SS 103 E	24



FEATURES

- Electronic probe sensor
- 5-wire design
- Onboard LED indicator
- Connect to either red or yellow wire



Application

- For primary drain line and auxiliary drain pan or auxiliary drain outlet and auxiliary drain pan
- Can be installed horizontally or vertically or inline
- Onboard LED indicates the condition of the unit at a glance
- No moving parts



SS 500 EP

Commercial rooftop downflow units

Code	Description	Qty.
97693	SS 500 EP	12



FEATURES

- Electronic probe sensor
- 5-wire design
- Onboard LED indicator
- Plenum rated wire
- Connect to either red or yellow wire



- Application**
- Install on primary drain pan when plenum rating is needed
 - Small size and slim profile great for use on commercial rooftop downflow units



SS 610 E

Mini split systems

Code	Description	Qty.
97622	SS 610 E	12



FEATURES

- Sensor connects to indoor units
- Attaches to pan or coils with unique bracket
- Onboard LED indicator can be mounted to side of unit
- No batteries required



- Application**
- Designed for mini split systems
 - For installation directly on primary drain pan or clipped to coils above primary drain pan
 - Multi-voltage
 - Can be wired in both normally open & normally closed systems

SS 700 E

Directly in the secondary drain pan

Code	Description	Qty.
97695	SS 700 E	12



FEATURES

- Works in any position
- Universal puck works in all secondary drain pans
- Onboard LED indicator



- Application**
- Designed to sit directly in a secondary drain pan, eliminating screws and clips
 - Multiple position option for the sensor and provides adjustable heights
 - Great for use in plastic overflow pans with round edges



AQUAGUARD® SENSORS



AG-1100+

Magnetic Float Switch System for Metal Drain Pans

Code	Description	Qty.
96100	Float Switch	30



FEATURES

- Easy, Drill-Free Installation
- Pull Up Test Knob
- Protective Cover
- UL 508 Approved

Application • Detects high water drain pan levels and shuts off the system to prevent water damage.

• The AG-1100+ incorporates a protective cover to keep out insulation and debris that could prevent the float from rising. • Incredibly easy to install. It can be mounted to the drain pan in 10 seconds or less. Installation does not require any pre-drilling for screws.

- Normally Open 3rd Wire for Optional External Alarm, Digital Controller, or Energy Management System
- Residential and Commercial
- High Capacity 5 Amp, 24Volt AC Magnetic Float Switch



US Patent 7,710,283

AG-1200+

Magnetic Float Switch System for Metal & Plastic Drain Pans

Code	Description	Qty.
96106	Float Switch	30



FEATURES

- Easy, Drill-Free Installation
- Pull Up Test Knob
- Protective Cover
- UL 508 Approved

Application • Detects high water drain pan levels and shuts off the system to prevent water damage. • The AG-1200+ has all of the features of the 1100+ plus an innovative two-piece clamp design which allows it to be mounted to a metal secondary drain pan (without a lip) or a plastic secondary drain pan (with a lip) in 10 seconds or less, without screws or drilling. Protective cover keeps out insulation, pests & debris.

• Normally Open 3rd Wire for Optional External Alarm, Digital Controller, or Energy Management System • Residential and Commercial • High Capacity 5 Amp, 24Volt AC Magnetic Float Switch



US Patent 7,710,283

AG-3175E

Primary Pan Sensor (Plenum Rated)

Code	Description	Qty.
96126	Primary Pan Sensor	10



FEATURES

- Time delay
- Plenum-rated probe & wire
- Install horizontal or vertical
- Water detection LED light
- Bonus secondary sensor
- Compact waterproof design
- UL 508 Approved

Application • The AquaGuard AG-3175E's primary pan sensor is mounted directly in the auxiliary drain port of the primary drain pan. The bonus secondary sensor can be installed either vertically or horizontally and features a water detection LED.

- Redesigned probe sensor for increased reliability
- Two sensors for the price of one
- 6 Feet of both plenum rated probe & sensor wire
- 5 Amp, 24 Volts AC solid state sensor with water detection LED light
- Switch can be normally open or normally closed
- Normally open 4th wire for optional external alarm, digital controller or energy management systems



US Patent 7,744,395; 8,151,980; 8,561,417; 8,578,770

AG-3150E

Primary Pan Sensor



Code	Description	Qty.
96124	Primary Pan Sensor	10



FEATURES

- Time delay
- Install horizontal or vertical
- Water detection LED light
- Bonus secondary sensor
- Compact waterproof design
- UL 508 Approved

Application • The AquaGuard AG-3150E primary pan sensor is mounted directly in the auxiliary drain port of the primary drain pan. The bonus secondary sensor can be installed either vertically or horizontally and features a water detection LED.

- Redesigned Probe Sensor for Increased Reliability
- Two Sensors for the Price of One
- 6 Feet of Both Probe & Sensor Wire
- 5 Amp, 24 Volts AC Solid State Sensor with Water Detection LED Light
- Switch Can Be Normally Open or Normally Closed
- Normally Open 4th Wire for Optional External Alarm, Digital Controller or Energy Management Systems



Patents are reserved.

US Patent 8,578,770; 8,317,189; 7,744,395; 8,150,580; 8,561,417

AG-4200E

Electronic Condensate Management Sensor System



Code	Description	Qty.
96143	Primary Pan Sensor	1



FEATURES

- Switch can be normally open or normally closed
- 5 amp, 24 volts AC solid state sensor with water detection LED light
- Adjustable height mount
- 6 feet of control wire
- UL 508 approved

Application • Multipurpose Condensate Overflow Sensor that combines the proven water sensing technology of the AG-1250E with our industry leading Goliath and Titan drain pan line to deliver the ultimate condensate management system. The AG-4200E is the complete condensate management system for Goliath, Goliath Furnace, Goliath Value Series and Titan Drain Pans

- 24 VAC, 5 Amp
- Controls Normally Open or Normally Closed
- 6' of Standard Control Wire
- Compact Waterproof Design
- Includes Vibration Isolators



Patents are reserved.

US Patents 8,578,770



CONDENSATE PANS AND RISERS



Goliath®

Secondary Drain Pans

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96200	26x56"	56.625"	26.5"	2.75"	51.0"	19.5"	2.0"
96202	28x57"	57.25"	28.375"	5.25"	51.75"	21.5"	2.0"
96204	28x69"	69.125"	28.25"	4.25"	66.5"	26.0"	2.0"
96206	30x50"	50.50"	30.25"	4.00"	45.00"	22.75"	2.1"
96208	30x62"	63.00"	30.375"	4.25"	56.875"	22.75"	2.1"
96210	30x66"	66.50"	30.25"	4.00"	64.00"	22.75"	2.1"

FEATURES

- Hangable
- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

US Patent
7,900,795; 8,578,770



Application • Goliath Series Secondary Drain Pans are the strongest, most rugged HVAC secondary drain pans on the market today • Made With Pride from our own patented blend of advanced polymer DexElar® material, Goliath Series Secondary Drain Pans are engineered with superior one piece structural strength to produce a nearly indestructible drain pan with rolled edges and no seams • Each pan is strong enough to hang using only one pair of steel support struts, ensuring a quick-and-easy professional installation • Features a network of built-in risers, which are compatible with a wide variety of sizes of HVAC units and eliminate the need to shop around for additional risers or mounting blocks. Some Goliath pans have lower risers when space is restricted • Risers run the length of pan for better strength when hanging • Each pan has specially designed indentations for placement of hanging brackets

- Goliath Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as AG-GFR Vibration Isolators to quiet any noisy HVAC unit.

All pans meet or exceed all international building codes and come with a 10 Year Limited Warranty.



CONDENSATE PANS AND RISERS

Continued



Goliath® Value Series

Secondary Drain Pans

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96214	30x50"	56.625"	30.25"	4.00"	45.25"	22.75"	2.1"
96216	30x62"	63.00"	30.375"	4.25"	56.875"	22.75"	2.1"
96218	30x66"	69.50"	30.25"	4.00"	64.00"	22.75"	2.1"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

US Patent
7,900,795; 8,578,770

Application • Goliath Value Series Secondary Drain Pans are the affordable solution for fixed placement, solid surface applications when hanging a secondary drain pan and HVAC unit is not necessary. They are Made with Pride from our patented advanced polymer DexElar® material and feature a network of built-in risers, which are compatible with a wide variety of sizes of HVAC units • Superior strength, durability and versatility when compared to other HVAC secondary drain pans made of traditional ABS plastics. • Will not crack, split, or rust like a metal secondary drain pan • Can support 40% more weight than a traditional ABS plastic pan • Extreme temperature durability -20°F (-28°C) to 260°F (126.7°C) with a higher melting point and self extinguishing characteristics not found in competitors' secondary drain pans • Are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as AG-GFR Vibration Isolators to quiet any noisy HVAC unit.



Goliath Value Series Non-Hangable Secondary Drain Pans are to be used only for fixed placement HVAC installations and must be supported by a solid surface and are not to be hung in any application.

All pans meet or exceed all international building codes and come with a 5 Year Limited Warranty.



All of our Goliath, Goliath Furnace and Goliath Furnace Risers, Titan Flexible Series, and Goliath Value Series Secondary Drain Pans are Made with Pride and created with our exclusive DexElar advanced polymer material, which is a superior material of choice compared to our competition, which uses general-purpose Acrylonitrile Butadiene Styrene or ABS Plastic.

CONDENSATE PANS AND RISERS

Continued



Titan® Flexible Series

Secondary Drain Pans Flexible Series

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96230	24x24"	24.00"	24.00"	2.25"	20.00"	20.50"	2.25"
96232	26x26"	26.00"	26.00"	2.25"	22.00"	22.50"	2.25"
96234	30x30"	30.00"	30.00"	2.25"	26.00"	26.50"	2.25"
96236	32x32"	32.00"	32.00"	2.25"	28.00"	28.50"	2.25"
96238	30x50"	50.50"	30.25"	2.50"	45.00"	22.75"	2.50"
96240	30x62"	63.00"	30.375"	2.50"	56.875"	22.75"	2.50"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

US Patent
8,578,770



Application • Used when space requirements are tight, the Titan Flexible Series Secondary Drain Pans are more flexible and durable than fabricated metal or plastic pans

- Created from our patented blend of advanced polymer DexElar® material will not rust, crack, split or leak like a traditional fabricated metal secondary drain pan.

DexElar® material provides extreme temperature durability (-40°F to 260°F), high tensile strength and is self extinguishing • Titan pans are manufactured with rolled edges and no seams for superior one-piece structural strength and flexibility

- They are also specifically designed and engineered to be completely compatible with our Goliath Furnace Series Furnace Risers to create a complete and professional HVAC installation
- Made with Pride, Titan Flexible Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter

* Hangable when properly configured with approved steel supports and pressure treated 4" x 4"s.

All Titan Flexible Series Secondary Drain Pans meet or exceed all international building codes and come with a 3 Year Limited Warranty.



CONDENSATE PANS AND RISERS

Continued



Goliath® Furnace

Secondary Drain Pans

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96220	30x36"	37.50"	30.50"	3.00"	30.75"	23.00"	2.375"
96222	34x64"	64.125"	34.125"	7.50"	59.00"	26.75"	2.1"
96224	34x79"	79.00"	33.75"	7.50"	73.50"	26.50"	2.1"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

US Patent
7,637,387; 7,673,646; 8,317,169; 8,578,770

Application • Goliath Furnace Series Secondary Drain Pans offer all the same benefits and features of our Goliath Series Secondary Drain Pans and are specifically designed for the unique clearance needs of furnace installations and piping requirements

- With 7" of clearance, Goliath Furnace pans offer the necessary clearances for any piping that needs to run below a furnace unit – especially with condensing furnace installations.
- Made with Pride from our own patented blend of advanced polymer DexElar® material. They are engineered with superior one-piece structural strength to produce a nearly indestructible furnace pan with rolled edges and no seams. Each pan provides extreme temperature durability (-40°F to 260°F), high tensile strength, crack/split/leak/rust resistance, and are self extinguishing.
- Goliath Furnace Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as 10 AG-GFR Vibration Isolators to quiet the operation of any noisy furnace unit.



*The Goliath Furnace 30" x 36" x 3.00" pan is designed exclusively for vertical, up flow applications.

All pans meet or exceed all international building codes and come with a 10 Year Limited Warranty.



All of our Goliath, Goliath Furnace and Goliath Furnace Risers, Titan Flexible Series, and Goliath Value Series Secondary Drain Pans are Made with Pride and created with our exclusive DexElar advanced polymer material, which is a superior material of choice compared to our competition, which uses general-purpose Acrylonitrile Butadiene Styrene or ABS Plastic.

CONDENSATE PANS AND RISERS

Continued



Goliath® Furnace Riser Kits

Code	Model	Outer (Max) Dimension		
		Length	Width	Depth
96254	GFR 28x6	28.50"	7.50"	6.00"
96250	GFR 23x4	22.50"	5.75"	3.625"
96252	GFR 23x7	22.50"	5.75"	6.50"

FEATURES

- Constructed of DexElar®, the same durable material as Goliath and Titan HVAC secondary drain pans.
- Will not rust or crack and provide 10x the strength as metal risers.
- Compatible with our Titan secondary drain pans, metal pans or can be used as a standalone.
- Available vibration isolators quiet noisy furnace units.

US Patent 8,220,768

Application • Goliath Furnace Risers (GFR) are the perfect solution for any furnace installation. GFRs raise furnaces providing the necessary clearance to accommodate piping and p-traps. Available in three sizes, GFR 28x6, GFR 23x4 and GFR 23x7 to accommodate a variety of furnace installation needs. Installation is quick and easy. The GFRs are made to fit either lengthwise or width wise in our Titan pans or fabricated metal pans. DexElar® material is UL-94 5VA and ASTM E-84 Class C compliant and 10X stronger than competing metal risers.



All Goliath Furnace Risers meet or exceed all international building codes and come with a 3 Year Limited Warranty.



Firestopping

Intumescent Sealants •

Elastomeric Sealants •

Pipe Collars and Sleeves •

Putty Sticks and Pads •

Joint Strips •

Electrical Products •





METACAUK® FIRESTOP SEALANTS

Metacaulk® 1000

Intumescent, water-based firestop sealant

Code	Description	Qty.
66640	10.3 oz. cartridge	12
66303	30 oz. cartridge	12
66312	20.2 oz. sausage pack	12
66305	1 gal.	4
66307	2 gal.	1
66309	5 gal.	1

Application • Will prevent the spread of fire through joint openings and through-penetrations
 • No dilution or mixing required • Can be used in areas under constant vibration and movement
 • Use in fire-rated gypsum wallboard partitions, concrete walls or floors, wood floors and concrete or corrugated steel deck floor/ceiling assemblies

Recommended for • Metal • Insulated
 • Fiberglass & plastic pipes • Wall construction joints • Power & telephone cables



FEATURES

- UL Classified systems up to 4 hrs
- Highly intumescent
- Excellent freeze-thaw
- For interior use - paintable
- VOC compliant
- STC rating 62
- Meets ASTM E 814, UL 1479 & UL 2079 standards

See ordering chart for container sizes available.



*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

**FBC®, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

Metacaulk® MC 150+

General purpose firestop sealant

Code	Description	Qty.
66648	10.3 oz. cartridge	12
66383	30 oz. cartridge	12
66385	20.2 oz. sausage pack	12
66389	5 gal.	1



FEATURES

- Water-based - VOC compliant
- STC rating 51
- Excellent freeze-thaw
- Use for most common applications

Application • One component, general purpose fire-rated sealant and smoke seal for construction joints and through-penetrations on both horizontal and vertical surfaces

- Non-sag caulking grade sealant that is easy to apply as well as to retrofit
- Can be used in areas under constant vibration or movement

Recommended for

- Metal
- Insulated
- Fiberglass and plastic pipes
- Wall construction joints
- Power and telephone cables



Metacaulk® 350i

Elastomeric seal firestop sealant

Code	Description	Qty.
66616	10.3 oz. cartridge	12
66611	20.2 oz. sausage pack	12
66613	5 gal.	1



FEATURES

- Sound rated
- Excellent freeze-thaw
- STC rating 53

Application • One component, general purpose sealant and smoke seal

- Intumescent, water-based, non-sag caulking grade sealant that is easy to apply and great for retrofits
- Suitable for dynamic movement

Recommended for

- Metal
- Insulated
- Fiberglass & plastic pipes
- Wall construction joints
- Power & telephone cables



Metacaulk® 835+

Elastomeric, Silicone firestop sealant

Code	Description	Qty.
66645	10.15 oz. cartridge	12
66019	5 gal.	1



FEATURES

- Exterior / Interior use
- Water resistant
- STC rating 55

Application • Used in systems where dynamic movement is expected

- Resistant to chemical exposure

Recommended for • PVC pipe on closed (pressure) systems

- EMT
- Insulated and uninsulated steel pipe
- Construction and control joints
- Interior expansion joints

Also available in
5 gal. pail



PREFABRICATED FIRESTOP DEVICES

Metacaulk® Pipe Collars

Code	Description	Qty.
66352	1-1/2"	12
66353	2"	12
66350	3"	6
66351	4"	6
66354	6"	2



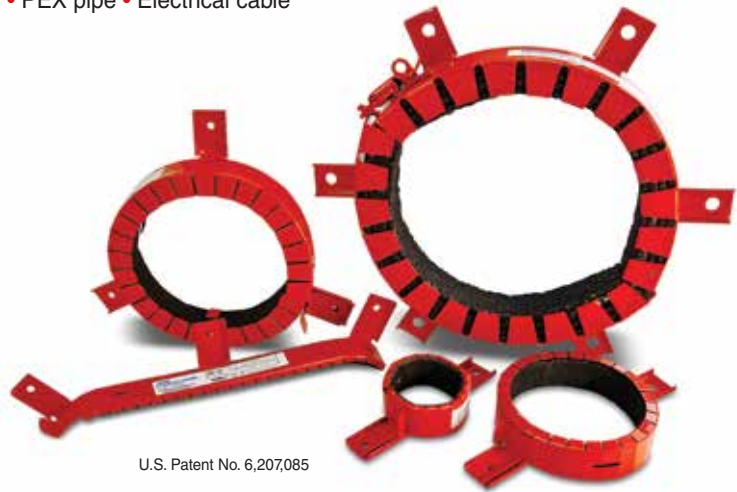
FEATURES

- No measurements of material
- Fits in limited access areas
- 25% reduction of installation time

Prefabricated firestop system

Application • UL classified for both open and closed pipe systems • Simple locking mechanism for easy installation

Recommended for • PVC • CPVC • ABS
• PVC foam core • ABS foam core • FRPP
• PEX pipe • Electrical cable



U.S. Patent No. 6,207,085

Metacaulk® Intumescent Sleeve

Firestop seal

Code	Description	Qty.
66584	For 2", 3" & 4" Pipe	6
66582	For 6" & 8" Pipe	1



FEATURES

- No steel bolts or fasteners
- Can be retrofitted
- Flexible

Application • Firestop through penetrations with a single sleeve • Ideal for combustible pipes penetrating a concrete fluted deck assembly

Recommended for • PVC • cc-PVC
• CPVC • FRPP • PP • ABS • PP-R
• Rigid non-metallic conduit installations



METACAULK® FIRESTOP PRODUCTS

Continued

Putty Sticks & Pads

Code	Description	Qty.
66345	18 cu./in. - stick	12
66340	6" x 7" x 1/8" thick	20
66335	7" x 7" x 1/8" thick	20



FEATURES

- Applied by hand
- No asbestos fillers
- Pads - STC rating 60
- For interior use
- Adheres to all common building surfaces

Fire-rated putty

Application • Putty sticks are used to seal around penetrating items through fire-rated walls, floors and within blank openings

- Putty pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes and to reduce sound transmission
- Hand moldable with no curing time



Box Guard™

Fire-rated pad for electrical boxes

Code	Description	Qty.
66366	Single box	50
66367	Double box	50
66369	4-11/16" x 4-11/16"	50



FEATURES

- Adheres to back of electrical box
- Non-conductive
- Highly intumescent
- STC rating 53

Application • One component fire-rated for use in electrical boxes • It is inserted on the inside back wall of an electrical box prior to wiring



US Patent No. 6,207,085 & 6,252,167

Cover Guard™

Fire-rated gasket for electrical boxes

Code	Description	Qty.
66270	Double receptacle	50
66272	Single receptacle	50
66274	Double switch	50
66276	Single switch	50
66265	Single decor	50
66266	Double decor	50



FEATURES

- Reduces sound transmission
- Easy to install
- Highly intumescent
- STC rating 54

Application • A single component fire-rated gasket for use with electrical boxes to comply with the "24 inch rule" • Fits under the cover plate and does not take up volume



US Patent No. 6,252,167 & 7,348,484

Firestop Pillows

For large temporary openings

Code	Description	Qty.
66362	2" x 9" x 6"	10
66363	3" x 9" x 6"	10



FEATURES

- Forms a very strong char
- No wire mesh required
- Easy to install - no tools

Application • Intumescent • Designed for use primarily in large temporary or frequently accessed openings with cables, cable trays, blank openings or multiple penetrations



Fire-Rated Mortar

For large openings

Code	Description	Qty.
66331	20 lbs. pail	1
66334	45 lbs. bag	1



FEATURES

- Non-sag adjustable consistency
- High yield per lb.
- No special tools needed

Application • Rapid hardening gypsum/cement compound for large openings
 • Sets without shrinking and can form a rigid, gas tight, fire resistant seal
 • Can be cut or drilled and resealed

Recommended for

- Power cables • Fiber optic
- Telephone cables • Aluminium or steel cable trays • EMT
- Copper • Steel • Cast iron pipe



Composite Sheet

For large openings with penetrating items

Code	Description	Qty.
66320	36" x 36"	1



FEATURES

- Light weight
- Thinner sheets
- Re-enterable
- No VOC

Application • Rigid fire resistive panel used to seal penetrations and restore the fire rating to floor/ceilings or walls
 • Made of reinforced, highly intumescent material bonded on one side to a galvanized steel sheet
 • Ideal for clean room applications



US Patent No. 6,207,085

METACAULK® FIRESTOP PRODUCTS

Continued

Joint Strip

Flexible material for up to 1" wide joints

Code	Description	Qty.
66700	1/16" x 1" x 82' strip	6
66701	1/16" x 1-1/2" x 82' strip	4
66704	1/16" x 2" x 82' strip	3
66702	1/16" x 2-1/2" x 82' strip	2
66703	1/16" x 3" x 82' strip	2



FEATURES

- No firestop caulk required
- Single sided application
- Simple & easy to use

Application • Flexible strip firestop material used in concrete and masonry floor and wall joints up to 1" wide • Prevents the passage of fire between joints

Recommended for

- Stadium construction, tilt up panels
- Curtain wall panels
- All concrete and masonry wall and floor construction joint applications

US Patent No. 6,207,085



Wrap Strip

Flexible intumescent strip for plastic and insulated pipe

Code	Description	Qty.
66135	1" x 12'	6
66136	2" x 12'	4



FEATURES

- No cure time
- Easy to apply
- Long length means less waste
- Systems up to 14" PVC
- Highly intumescent

Application • Simply wrap required number of strips around penetrating item to completely fill the annular space or as required by system design

- When exposed to heat, expands to form a hard char to seal off the penetration

Recommended for

- Plastic and insulated pipe applications

US Patent No. 6,207,085



Industrial Cable Coating

For power cables

Code	Description	Qty.
50250	5 gal.	1



FEATURES

- No cable derating
- Interior & exterior use

Application • Water-based heavy duty spray coating designed to prevent vertical and horizontal spread of fire along grouped or single communication or power cables

- Compatible with and adheres to typical cable jacketing materials



"FBC" System Compatible" indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

**FBC®, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

Sound Transmission Class (STC) rating - Tested in a UL 411 wall assembly/section to ASTM E90

FIRESTOP ACCESSORIES

Caulking Guns

Cartridge & sausage

Code	Description	Qty.
66114	10.3 oz. gun	1
66115	30 oz. gun	1
66116	20.2 oz. sausage gun	1
66117	Replacement tips	25

FEATURES

- Industrial grade



Universal Collar

For concrete, wood & gypsum

Code	Description	Qty.
66091	2" x 50' roll	1
66095	1" x 50' roll	1

FEATURES

- Galvanized steel



6lb./ cu. ft. Safing

Mineral wool backing

Code	Description	Qty.
66101	2" thick	8

FEATURES

- Non-combustible backing



Delta Deck Plugs

36" long

Code	Description	Qty.
66401	1-1/2" x 3-1/2" x 4-1/2"	48
66403	1-1/2" x 4-1/2" x 5-1/2"	39
66409	3" x 5" x 7"	18

FEATURES

- Non-combustible
- Mineral wool backing for fluted deck



Foam Backer Rod

Fills gaps prior to sealing

Code	Description	Qty.
66112	1" x 75'	1

FEATURES

- Easy to use
- Economical



Other Products

Potential Relay and Start Capacitors •

Specialty Tools •

Acid Neutralizers •

Anti-Seize Compounds •

Specialty Sealant Caulks •

Specialty Cleaners •





HVAC PRODUCTS

Kickstart®

Potential relay & start capacitor

Code	Description	Qty.
96506	KS-1	20
96503	TO-5	20



FEATURES

- 2-wire design for easy installation
- 2-year warranty
- Extend the life of compressors
- OEM tested & approved

Application • 2-wired starting device that uses a mechanical potential relay & start capacitor

- Assist compressors in starting under very adverse conditions such as low voltage or high head pressures extending the life of compressors by bringing them up to full speed more quickly and efficiently

Recommended for

- Single phase 208V, 230V, and 265V A/C, refrigeration and heat pump compressors
- KS-1 handles 3.5 - 5.0 ton maximum torque
- TO-5 handles 1.0 - 3.0 ton maximum torque



Mighty Bracket™

Mini-split installation support tool

Code	Description	Qty.
97705	Mini-split support tool	4

FEATURES

- Allows single person installation
- Simple clip on support
- Does not damage walls.
- Use on most brands of mini-splits
- Folds for easy storage
- Includes tote bag

Patent Pending



Application • Hook onto mini-split mounting plate to hold unit securely in place while installing refrigerant lines, condensate line and electrical hookup.



ACID NEUTRALIZERS

Acid Away®

Compressor burnout acid neutralizer

Code	Description	Qty.
45004	4 oz.	12

FEATURES

- Stays active in the system
- Preventive maintenance
- Safe for system components
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989

Application • Chemical treatment for A/C and refrigeration systems that have experienced a burnout or operating systems that are showing a buildup in acid content • No clogging or damage to line-sets from by-products of acid neutralization

Recommended for • Both hermetic or semi-hermetic compressors that operate with standard CFC or HCFC refrigerants using mineral oil or alkybenzene type refrigeration oils



Acid Away® for POE

Acid neutralizer for POE oils

Code	Description	Qty.
45009	4 oz.	12

FEATURES

- Removes residual acid
- Compatible with Polyol Ester lubricants
- Preventative maintenance
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989

Application • Prevents compressor burnouts by removing the acid buildup that occurs in Polyol Ester refrigeration oils used in A/C and refrigeration systems.

Recommended for • Both hermetic or semi-hermetic compressors that operate with Polyol Ester lubricants





SPECIALTY SEALANT CAULKS

RectorSeal® RS 136

Fire block / smoke seal caulk

Code	Description	Qty.
66408	10.3 oz. cartridge	12



FEATURES

- Easy application
- Interior applications
- Water Clean-up

Application • General purpose, residential acoustical fireblock

Recommended for

- Electrical
- Plumbing
- Plastic pipe
- Telephone communication systems penetrations



RectorSeal® Silicone Sealant

General purpose

Code	Description	Qty.
57505	10.3 oz. tube - white	12
57506	10.3 oz. tube - clear	12

FEATURES

- Remains flexible
- Vibration resistant
- Indoors/outdoor

Application • Ideal for general sealing
• Dry to touch in 30 minutes and fully cures in 24 hours

Recommended for

- Around electrical panels
- Windows
- Doors
- Pipes/vents
- Corner joints
- Aluminum siding
- Other interior/exterior building materials



RectorSeal® Hi-Temp™

100% RTV silicone caulk

Code	Description	Qty.
57500	10.1 oz. cartridge	24

FEATURES

- One component
- USDA specs for use in federally inspected meat and poultry plants
- F.D.A. reg #21 CFR 177.2600
- TT-S-001543A (COM-NBS) Class A
- TT-S00230C (COM-NBS) Class AA
- MIL-A-46106B Amend 3, Type 1
- Canadian 19-GP-9MA, Type 1

Application • Cures to a strong durable resilient rubber

Recommended for • Glass • Clean metal • Most types of non-oily wood • Vulcanized silicone rubber • Silicone resins • Natural and synthetic fiber • Ceramic • Paper • Many painted and plastic surfaces



ANTI-SEIZE COMPOUNDS

Break-Out™

High temperature anti-seize

Code	Description	Qty.
73551	8 oz.	12
73861	12 oz. aerosol	12
73431	1 lb.	12

FEATURES

- Will not wash off
- Stainless steel up to 550°F
- Contains no lead
- Exceeds military spec MIL-A-907E

Application • Fine copper flakes and graphite particles dispersed in a high temperature, corrosion resistant grease for use on bolts, nuts and screws
 • Resists seizure for easy breakout up to 1800°F • Color: bronze

Recommended for

- Stainless steel up to 550°F



Food Grade

Food Contact anti-seize and lubricant

Code	Description	Qty.
73931	1 lb.	12

FEATURES

- Food Grade
- Use with potable water
- Conforms to FDA regulations CFR-21-178, 3570

Application • Specifically for use when incidental food contact is possible • PTFE for added lubricity
 • Prevents rust, corrosion, seizing and galling of metal compounds
 • Color: white

Recommended for

- Service rating -65°F to 1800°F



Copper-Rich™

High temperature anti-seize and lubricant

Code	Description	Qty.
72851	8 oz.	12
72841	1 lb.	12

FEATURES

- Highly conductive
- Exceeds military spec MIL-A-907E

Application • Pure micro-sized copper flakes dispersed in a non-melt, high temperature grease • Resists seizure
• Color: copper

Recommended for

- All metal connections including stainless steel to 1800°F
- Ideal for use where electrical conductivity is important



Nickel-Rich™

Nuclear grade high temperature anti-seize and lubricant

Code	Description	Qty.
73851	8 oz.	12
73831	1 lb.	12

FEATURES

- Will not wash off
- Brushable down to 0°F
- Exceeds military spec MIL-A-907E

Application • Pure nickel flakes dispersed in a high temperature, corrosion resistant grease
• Resists attack by acidic and caustic chemicals • Color: silver

Recommended for

- Stainless steel up to 2600°F



Moly-Rich™

High temperature corrosion resistant anti-seize and lubricant

Code	Description	Qty.
71431	1 lb.	12

FEATURES

- Will not wash off
- Not affected by vibration
- Exceeds military spec MIL-A-907E
- Low coefficient of friction allows easy breakout up to 1050°F

Application • Fine Molybdenum disulfide, graphite particles and extreme pressure additives dispersed in a high temperature, corrosion resistant grease • Color: blue

Recommended for

- Stainless steel up to 500°F



SPECIALTY CLEANERS

K.O. Dirt Blaster™

Dirt and grease stripper

Code	Description	Qty.
88438	20 oz. aerosol	12

FEATURES

- Dissolves grease quickly
- Quick drying
- Pressure washes small condenser coils without a water rinse
- Non-flammable
- No CFC's

Application

- Quickly dissolves grease
- Non-conductive so will not short out electrical equipment
- Effective on restaurant grease and other greasy surfaces

Recommended for

- Refrigeration coils • Oil burner surfaces • Machine parts
- Switches • Relays • Circuit breakers • Motors
- Electrical components



Clean-N-Safe™

Condenser & evaporator coil cleaner

Code	Description	Qty.
83780	20 oz. aerosol	12

FEATURES

- Deep cleaning foam
- Non-acid
- Reduces energy cost
- Environmentally friendly
- Biodegradable

Application

- Effectively cleans and removes soils • Foam powers off dirt and build-up without chemically attacking (corrode) coils, surrounding metal, other HVAC equipment components or adjacent roofing materials

Recommended for

- Air conditioning • Refrigeration
- Heat pump coils



Desolv™

Mini-split evaporator coil cleaner / cleaning kit

Code	Description	Qty.
82561	Aerosol spray 16 oz.	1
82565	Desolv solution 1 gal.	10
82560	Desolv Kit with 2 Funnel Bags	1
82562	Desolv single use funnel bags	10

DESOLV KIT CONTENTS

- Desolv Cleaning Solution (1 gal.)
- C-Band Frame Assembly
- Single Use Funnel Bags (2)
- Drain Pail (5 gal)
- Installation Instructions

Application • Use to deep clean the indoor evaporator of mini-split A/C units. Desolv Kit provides wall and floor protection. Kit is reusable. Desolv aerosol/solution and the single use replacement funnel bags are also sold separately.



Complete Desolv Kit

Single use replacement funnel bags

U.S. Patent No. 6,863,116 Under license from Crossford International LLC

Zipp™

Quick drying degreaser

Code	Description	Qty.
82642	14 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive

Application • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment

Recommended for use • Oil burner parts
• Compressors • Refrigeration units
• Greasy fan blades • Strainers • Engines
• Stoves • Relay contact points
• Electrical equipment



Zipp™ II

Environmentally safe, quick drying degreaser

Code	Description	Qty.
82645	12 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive
- Non-chlorinated

Application • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment • Contains no carbon tet or restricted solvents

Recommended for use • Oil burner parts
• Compressors • Refrigeration units
• Greasy fan blades • Strainers • Engines
• Stoves • Relay contact points
• Electrical equipment



Grime-Solv™

Foaming, heavy duty cleaner and degreaser

Code	Description	Qty.
88436	14 oz. aerosol	12

FEATURES

- Safe for metals
- Wipes clean or rinses with water
- Non-flammable
- Non-corrosive

Application • Lifts encrusted grime, grease or carbon • Use to remove stains from concrete driveways and brick walls, to clean white wall tires and for cleaning surfaces before painting

Recommended for • Oil burning • A/C and refrigeration equipment • Marine and automotive engines • Machinery that can be rinsed with water or wiped with a rag



Draft-Block™

Expanding polyurethane foam

Code	Description	Qty.
96500	12 oz. aerosol	12

FEATURES

- Expands 3X
- Tack-free in approx. 45 min.
- No ureaformaldehyde

Application • Excellent filler which bonds and insulates • Fill voids, cracks, crevices and small cavities on flat or irregular surfaces • Reduces sound transmission • Totally dielectric



Lets-Go™

Penetrant, lubricant and freeze-up preventer

Code	Description	Qty.
73012	12 oz. aerosol	12

FEATURES

- Loosens frozen bolts, nuts & joints
- Protects from water & weather

Application • Covers metal surfaces with a clinging, tough, long-lasting film of lubricant • The wetting power acts quickly on rusted and seized parts • Displaces moisture from wiring and equipment.



Cold Galvanizing Spray

Protection of hot-dip galvanizing

Code	Description	Qty.
86625	16 oz. aerosol	12

FEATURES

- Stops rust and corrosion
- Indoors or outdoors

Application • Contains 95% pure zinc and forms a tough, durable and flexible zinc metal coating that bonds electrochemically with the base metal to protect against rust and corrosion • To prevent and retard rust and corrosion on welded joints, fencing, storage tanks, pipe lines, metal buildings, marine and other similar applications



RectorSeal® EP-200

Code	Description	Qty.
97600	2 oz.	24
97601	2 oz. refill	24
97602	Blistercard	12
97606	EP-400 4 oz.	12



FEATURES

- Mixes like putty
- Hardens in minutes
- Can be drilled, taped, filed, machined, sanded and painted
- Bonds and fills a variety of materials

Epoxy putty

Application • Pre-measured, high-grade epoxy and hardener formulated together in one stick

- Break off the amount needed for each repair
- Bonds to most surfaces



GOJO®*

Hand cleaner

Code	Description	Qty.
40500	Original 14 oz. tub	12
40507	Natural orange 14 oz.	12

FEATURES

- Safe to use
- Non-toxic
- Biodegradable

Application • Thoroughly and safely cleans adhesives, asphalt, tar and paint

*GOJO is a registered trademark of GOJO Industries



Buz-Awf™

Wasp and hornet spray

Code	Description	Qty.
84390	16 oz. aerosol	12

FEATURES

- High pressure spray
- Shoots 20 ft stream
- Non-conductive up to 47KV

Application • Kills wasps, hornets, yellow jackets and bees • E.P.A. REG. NO. 3862-174-51219, E.P.A. EST. NO. 9143-TX-1



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Through the use of current technology and social media, RectorSeal provides support for all chemicals, products and tools including:

- Technical information
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HVAC-R



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