



Product Catalog

Commitment

Fernco is committed to giving the highest level of quality, Fernco quality, at the most competitive price. Our goal is to maintain standards of excellence in quality and service, while continuing to be the most innovative company in the industry.

Convenient Ordering, Fast Delivery

Fernco's phone ordering system ensures easy ordering and prompt delivery for our customers. When you call Fernco, you will be assisted by a trained professional who knows the industry and understands your individual needs. Your order will be quickly entered into our data processing system for accurate recording of specifications and costs.

Only Fernco offers you the industry's largest product line, highest fill rate and the most complete merchandising program. All of which is supported by over fifty years of design, manufacturing and distribution experience combined with an ongoing commitment to product innovation.

United States

(810) 503-9000

fernco.com

Canada

(519) 332-6711

fernco.ca

INDEX

FLEXIBLE COUPLINGS

| | |
|-----------------------------|-------|
| Standard | 4-5 |
| Proflex | 6-7 |
| 1000 StrongBack RC | 8 |
| 5000 StrongBack RC | 9 |
| XL Couplings | 10 |
| Flexible Chemical Couplings | 11 |
| The HULK Coupling | 12-13 |
| Puddle Flange | 14 |
| No Hub | 15 |
| Plastic Socket | 15 |
| Pipe Sleeves | 15 |
| Expansion Joints | 16 |
| Qwik Tee & Ell | 16 |
| Western Stop & Bushing | 16 |
| Corrugated | 17 |
| High Torque Corrugated | 17 |
| Ultra Rib | 17 |
| Eccentric | 18 |
| Large Diameter | 18 |
| Stainless Steel Clamps | 19 |
| Torque Wrenches | 19 |
| Large Diameter Caps | 19 |
| Qwik Caps | 20 |

LATERAL CONNECTIONS

| | |
|----------------------------|----|
| QwikSeal | 21 |
| Tap Saddles & Pressure Kit | 23 |

INTERNAL SEALS

| | |
|---------------------------|----|
| ICON Pushfit | 24 |
| Donuts | 25 |
| O-Rings | 25 |
| Concrete Manhole Adapters | 26 |
| Multi-Tite Gaskets | 26 |
| Wax Free Toilet Seal | 27 |
| Wax Free Urinal Seal | 27 |

WATER MANAGEMENT

| | |
|-------------------------|----|
| StormDrain Plus | 28 |
| Water Well Debris Traps | 29 |
| Downspout Connectors | 29 |
| Sump Pump Check Valve | 29 |

SEALANTS

| | |
|------------------|----|
| Pow-R Patch | 30 |
| Pow-R Wrap | 30 |
| Pow-R Industrial | 30 |

FLEXIBLE CONNECTORS

| | |
|---------------------|----|
| Hose Bibbs | 31 |
| Flexible Qwik Traps | 31 |
| Drain & Trap | 31 |
| Tubular Drain Pipe | 32 |
| Dishwasher | 32 |
| Shower Drain | 32 |
| Fix-A-Flange | 33 |
| Utility | 33 |
| Hose Grip Washer | 33 |

RESOURCES

Coupling Sizing Charts

| | |
|---|----|
| - Clay to Clay | 34 |
| - Clay to Cast Iron (CI), Plastic, Copper, Steel or Lead | 35 |
| - Clay to Asbestos Cement Fibre (AC) or Ductile Iron (DI) | 36 |
| - Concrete to Concrete | 37 |
| - Concrete to Clay | 38 |
| - Concrete to CI, Plastic, Copper, Steel or Lead | 38 |
| - AC or DI to CI, Plastic, Copper, Steel or Lead | 39 |
| - AC or DI to AC or DI | 40 |
| - CI Plastic, Copper, Steel or Lead to CI, Plastic, Steel or Lead | 41 |
| - Concrete to DI | 42 |

| | |
|------------------------|----|
| Plumbing Market Reps | 44 |
| Waterworks Market Reps | 46 |
| Acid Resistance Chart | 48 |

A global company with a focus on the individual customer.

Established in 1964

In the 1950's, William Zopfi was looking for a reliable solution to fit his pipe connection needs for sewer lines in the Detroit, MI area. He developed a tar donut that would allow him to create more connections per day, increasing his efficiency in the field. In 1964, the Fernco Joint Sealer Company was formally established when the 'd-nut' became patented. When word spread of this invention, Zopfi, set up a small shop behind his plumbing business to begin producing the Donut. Thus, setting Fernco on it's course for the future.

When Darrell Cooper joined the team, he had a philosophy of working closely with wholesale distributors to provide products in a timely manner. This would prove to be a core value that was as important then as it is today.

In 1973, Dallas, Texas, requested a bid for the first Fernco Coupling to fit a pipe without a bell housing. Cooper saw this product as an opportunity for vast growth and established couplings in the market. Fernco then moved to its current headquarters in Davison, Michigan, allowing the company to expand and expedite their manufacturing and shipping process. In 1978, Cooper was named President of the company and purchased Fernco Joint Sealer Company, forming a new company, Fernco, Inc.

Industry Leaders

Fernco has continued to grow into different markets, while developing innovative and reliable products. Fernco has expanded throughout North and South America and acquired Flexseal Couplings LTD, the leading manufacturer of flexible couplings in the European market. The Flexseal acquisition positioned Fernco as the leading manufacturer and distributor of flexible couplings in the world.

In 2015, Fernco proudly invested in a new 150,000 sq. ft. manufacturing and distribution center in Davison, MI, along with state-of-the-art electric injection machines. Located a mile from previous facility, the center will allow Fernco to focus on additional product development and continue delivering exceptional customer service for the next fifty years.

Fernco's continuous growth is not to become the biggest company, but the best company. With resources from around the world, Fernco is able to create products that will meet the needs of the individual and the industry. It all comes down to Fernco's focus on the individual customer to provide a product that can be trusted with confidence.



150,000 sq. ft. manufacturing and distribution facility



Global Manufacturing



United States



Canada



United Kingdom



Germany



Australia

Global Distribution



United States



Canada



European Union



Australia



New Zealand



Puerto Rico



Mexico



Brazil

Standard Flexible Couplings



For a coupling to perform like a Fernco,

IT MUST SAY FERNCO.

Manufactured of tough elastomeric polyvinyl chloride (PVC), Fernco couplings are strong, resilient and not affected by soil conditions. Due to the nature and physical properties of their material, they are also resistant to chemicals, ultra-violet rays, fungus growth and normal sewer gases. And they are leak-proof, rot-proof and seal against infiltration and exfiltration.

Because of their quality and ease of installation, Fernco flexible couplings have found approval among plumbers, contractors and municipalities across the globe. Fernco couplings are used for all types of in-house and sewer applications such as drain, waste, vent piping, house-to-main, cut-ins, conductors, roof-drains and more.

All couplings are clearly marked with part number, size, and the materials that the coupling will connect to. Fernco has fast lead times with no minimum order required. For special applications, our custom design service can supply couplings for individual customer requirements. Our Flexible Couplings are the industry standard.



1056-075 coupling
shown at
approximately
actual size
of 2 3/8" high

Fernco's specially formulated PVC compound positively seals any sewer and drain connection.

Tested designs backed by over five decades of proven experience

Available from 3/4" and larger

- Seals against infiltration and exfiltration
- Leak-proof, root-proof and resistant to many chemicals, ultra violet rays, fungus growth and normal sewer gas
- Conforms to ASTM D 5926, C 1173 and CSA B602
- Connects pipes of same or different materials and sizes
- Corrosion-resistant and rust-proof stainless steel clamps
- Made of elastomeric polyvinyl chloride (PVC)
- 4.3 PSI maximum test pressure
- 140°F maximum intermittent operating temperature
- 120°F maximum consistent operating temperature

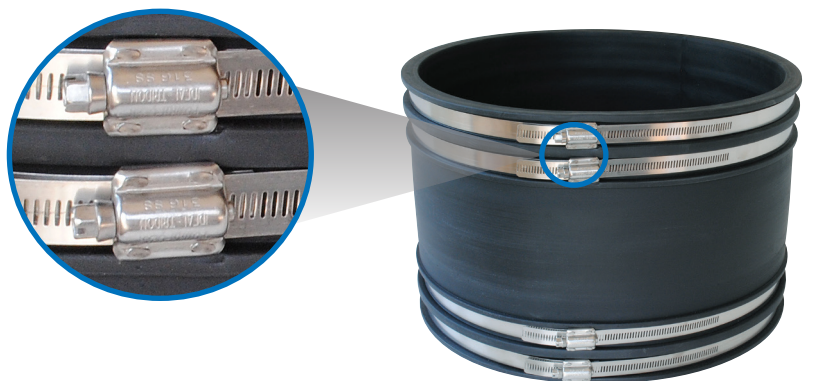


Fernco makes the most complete line of couplings in the industry, from sizes 3/4" and larger. Custom large diameter couplings are available, along with shielded transitional couplings to ensure all pipes, underground and above-ground, can be connected with a Fernco coupling. Because Fernco couplings have earned a reputation for superior performance, you can have full confidence in their quality and reliability.

Flexible Couplings

High Torque Clamps

STANDARD on all 18" and larger couplings



PROFLEX®

Specialty Couplings By *Fernco, Inc.* 

Above-ground transition couplings that create resilient pipe joints.

Connects ½" - 8" cast iron, plastic, steel, copper and tubular pipe

Technical Data

Proflex Shielded Couplings: ASTM C 1460 and CSA B602
Gasket Material: Neoprene - ASTM C 564

Shield Assembly Requirements

Clamp: 300 stainless steel

Band - 301 stainless steel .025 x .500 x length

Housing - 301 stainless steel

Screw - 305 stainless steel 5/16" hex - no slot

Shield: 301 stainless steel .012 x 2.125 x length

Eyelet: 305 stainless steel

Installation Torque: 60 in-lbs. installation torque

Maximum test pressure: 4.3 psi

Maximum operating temperature: 180° F



Shielded design to resist shear forces above-ground



3000 Series : CI to PL, ST, XHCI

| Part Number | Description |
|-------------|--|
| 3000-150 | 1.5" CI, PL or ST to 1.5" CI, PL, ST |
| 3000-215 | 2" CI, PL, ST or XHCI to 1.5" CI, PL, ST |
| 3000-22 | 2" CI, PL, ST or XHCI to 2" CI, PL, ST or XHCI |
| 3000-33 | 3" CI to 3" PL, ST, XHCI |
| 3000-43 | 4" CI to 3" PL, ST, XHCI |
| 3000-44 | 4" CI to 4" PL, ST, XHCI |
| 3000-55 | 5" CI to 5" PL, ST, XHCI |
| 3000-66 | 6" CI to 6" PL, ST, XHCI |
| 3000-88 | 8" CI to 8" PL, ST, XHCI |

3001 Series : CI to CPR

| Part Number | Description |
|-------------|---|
| 3001-110 | 1.5" CI, PL or ST to 1" CPR or 3/4" PL |
| 3001-1125 | 1.5" CI, PL or ST to 1.25" CPR or 1" PL |
| 3001-150 | 1.5" CI, PL, ST to 1.5" CPR or 1.25" PL |
| 3001-2125 | 2" CI, PL, ST to 1.25" CPR or 1" PL |
| 3001-215 | 2" CI, PL, ST to 1.5" CPR or 1.25" PL |
| 3001-22 | 2" CI, PL or ST to 2" CPR |
| 3001-315 | 3" CI to 1.5" CPR or 1.25" PL |
| 3001-32 | 3" CI to 2" CPR |
| 3001-33 | 3" CI to 3" CPR |
| 3001-43 | 4" CI to 3" CPR |
| 3001-44 | 4" CI to 4" CPR |

3002 Series : CI, PL, ST to Tubular

| Part Number | Description |
|-------------|-----------------------------------|
| 3002-150 | 1.5" CI, PL or ST to 1.5" Tubular |
| 3002-155 | 1.5" Tubular to 1.5" Tubular |
| 3002-215 | 2" CI, PL or ST to 1.5" Tubular |

3003 Series : CPR to CPR

| Part Number | Description |
|-------------|----------------------------------|
| 3003-150 | 1.5" CPR to 1.5" CPR or 1.25" PL |
| 3003-215 | 2" CPR to 1.5" CPR or 1.25" PL |
| 3003-22 | 2" CPR to 2" CPR |
| 3003-33 | 3" CPR to 3" CPR |

3004 Series : CI to CI, PL or ST

| Part Number | Description |
|-------------|--------------------------|
| 3004-320 | 3" CI to 2" CI, PL or ST |
| 3004-420 | 4" CI to 2" CI, PL or ST |
| 3004-430 | 4" CI to 3" CI |
| 3004-540 | 5" CI to 4" CI |

3005 Series : PL, ST or XHCI to PL, ST or XHCI

| Part Number | Description |
|-------------|--|
| 3005-33 | 3" PL, ST or XHCI to 3" PL, ST or XHCI |
| 3005-43 | 4" PL, ST or XHCI to 3" PL, ST or XHCI |
| 3005-44 | 4" PL, ST or XHCI to 4" PL, ST or XHCI |
| 3005-66 | 6" PL, ST or XHCI to 6" PL, ST or XHCI |

3006 Series : CPR to CI, PL or ST

| Part Number | Description |
|-------------|------------------------------|
| 3006-215 | 2" CPR to 1.5" CI, PL, or ST |
| 3006-32 | 3" CPR to 2" CI, PL or ST |
| 3006-43 | 4" CPR to 3" CI |

3007 Series : PL, ST or XHCI to CPR

| Part Number | Description |
|-------------|-----------------------------|
| 3007-32 | 3" PL, ST or XHCI to 2" CPR |
| 3007-33 | 3" PL, ST or XHCI to 3" CPR |
| 3007-43 | 4" PL, ST or XHCI to 3" CPR |
| 3007-44 | 4" PL, ST or XHCI to 4" CPR |

3008 Series : PL, ST or XHCI to CI, PL or ST

| Part Number | Description |
|-------------|--------------------------------------|
| 3008-32 | 3" PL, ST or XHCI to 2" CI, PL or ST |

3009 Series : Thinwall PL to Sch.40 PL

| Part Number | Description |
|-------------|--------------------------------|
| 3009-33 | 3" Thinwall PL to 3" Sch.40 PL |
| 3009-44 | 4" Thinwall PL to 4" Sch.40 PL |

3010 Series: CPR to Tubular

| Part Number | Description |
|-------------|--------------------------|
| 3010-150 | 1.5" CPR to 1.5" Tubular |
| 3010-215 | 2" CPR to 1.5" Tubular |

NHCI: No-Hub Cast Iron
 PL: Sch 40. Plastic
 ST: Steel (IPS)
 XHCI: Extra-Heavy Cast Iron
 CPR: Copper



STRONG BACK

1000 RC Series



Flexible Couplings

Technical Data

Gasket

- Meets the material requirements of:
 - CSA B602
 - ASTM D 5926
 - ASTM C 1173
- Hardness, Shore "A", Inst. +5.....65
- Tensile Strength, Min. psi....1000
- Tear Strength, Min.....150 lbf/in
- Brittleness Temperature.....-40°F

1000 RC Series Clamps

- Clamp housing - 301 stainless steel
- Clamp Band - 301 stainless steel
- Clamp screw - 305 stainless steel
- Installation torque 60 lb/in
- High torque clamps installation torque 120 lb/in where applicable

NEW 6000 RC Series

- American Iron and Steel (AIS) Compliant

Shear Ring

- .012" Thick, 300 Series Stainless Steel
- Width manufactured according to coupling width (1.5", 2.13" or 4")
- Length manufactured according to coupling diameter
- Clamps spot welded in place

Coupling

- Manufactured to conform to the performance requirements of:



- 140°F maximum intermittent operating temperature
- 120°F maximum consistent operating temperature



Shear Resistance Test using an unshielded sewer coupling per ASTM C 1173 applied load 50 lbs per nominal inch of pipe diameter

Shear Resistance Test using a Fernco 1000 RC coupling per ASTM C 1173 applied load 50 lbs. per nominal inch of pipe diameter



Worm Gear Clamps

RC COUPLINGS

5000 RC Series



Nut and Bolt Clamps



Technical Data

Gasket

- Meets the material requirements of:
 - CSA B602
 - ASTM D 5926
 - ASTM C 1173
- Hardness, Shore "A", Inst. +5.....65
- Tensile Strength, Min. psi....1000
- Tear Strength, Min.....150 lbf/in
- Brittleness Temperature.....-40°F

5000 RC Series Clamps

- Clamp Band - 316 stainless steel
- 6" and larger couplings incorporate two nut and bolt take-up points per band
- Installation torque 60 lb/in

Shear Ring

- .012" Thick, 300 Series Stainless Steel
- Width manufactured according to coupling width (1.5", 2.13" or 4")
- Length manufactured according to coupling diameter
- Clamps spot welded in place

Coupling

- Manufactured to conform to the performance requirements of:



- 140°F maximum intermittent operating temperature
- 120°F maximum consistent operating temperature

CUSTOM CONNECTIONS

Any size, any material.

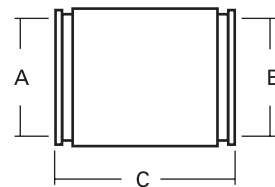
Flexible Couplings

Designed to resist heavy earth loads and shear forces underground while providing improved pipe alignment

XL COUPLINGS

EXTRA Length for EXTRA Strength

Create greater confidence in your extreme condition pipe connections. The Fernco XL Coupling is built longer to be stronger, and more durable than any other coupling in the market.



Technical Specs

Gasket

- Manufactured to the requirements of:
 - ASTM C 1173
 - ASTM D 5926
 - CSA B602
- Hardness, Shore "A", Inst. ± 5 65
- Tensile Strength, Min. psi..... 1000
- Elongation at Rupture, Min. %..... 250
- Tear Strength, Min 150 in/lb.
- Brittleness Temperature -40°F

Clamps

- 300 Series Stainless Steel
- Installation torque..... 60 in/lb.

Shear Ring

- .012" thick, 300 Series Stainless Steel

Coupling

- Manufactured to the requirements of:
 - ASTM C 1173

Flexible Couplings

| Part Number | Description | A | B | C |
|--------------|--|------|------|-------|
| | | in. | in. | in. |
| *1056-1502 | 1 1/2" CI/PL/Steel to 1 1/2" CI/PL/Steel | 1.90 | 1.90 | 6.88 |
| *1056-1502RC | 1 1/2" CI/PL/Steel to 1 1/2" CI/PL/Steel | 1.90 | 1.90 | 6.88 |
| *1056-222 | 2" CI/PL/Steel to 2" CI/PL/Steel | 2.38 | 2.38 | 7.75 |
| *1056-222RC | 2" CI/PL/Steel to 2" CI/PL/Steel | 2.38 | 2.38 | 7.75 |
| *1056-332 | 3" CI/PL/Steel to 3" CI/PL/Steel | 3.40 | 3.40 | 7.75 |
| *1056-332RC | 3" CI/PL/Steel to 3" CI/PL/Steel | 3.40 | 3.40 | 7.75 |
| *1056-442 | 4" CI/PL/Steel to 4" CI/PL/Steel | 4.40 | 4.40 | 7.75 |
| *1056-442RC | 4" CI/PL/Steel to 4" CI/PL/Steel | 4.40 | 4.40 | 7.75 |
| *1056-443 | 4" CI/PL/Steel to 4" CI/PL/Steel | 4.40 | 4.40 | 11.63 |
| *1056-443RC | 4" CI/PL/Steel to 4" CI/PL/Steel | 4.40 | 4.40 | 11.63 |
| *1056-552 | 5" CI/PL/Steel to 5" CI/PL/Steel | 5.51 | 5.51 | 7.85 |
| *1056-552RC | 5" CI/PL/Steel to 5" CI/PL/Steel | 5.51 | 5.51 | 7.85 |

| Part Number | Description | A | B | C |
|--------------|------------------------|-------|-------|-------|
| | | in. | in. | in. |
| 1056-662RC | 6" CI/PL to 6" CI/PL | 6.63 | 6.63 | 10.00 |
| 1056-882 | 8" CI/PL to 8" CI/PL | 8.64 | 8.64 | 10.00 |
| 1056-882RC | 8" CI/PL to 8" CI/PL | 8.64 | 8.64 | 10.00 |
| 1056-10102 | 10" CI/PL to 10" CI/PL | 10.75 | 10.75 | 10.00 |
| 1056-10102RC | 10" CI/PL to 10" CI/PL | 10.75 | 10.75 | 10.00 |
| 1056-12122 | 12" CI/PL to 10" CI/PL | 12.75 | 12.75 | 10.00 |
| 1056-12122RC | 12" CI/PL to 10" CI/PL | 12.75 | 12.75 | 10.00 |
| 1002-442RC | 4" Clay to 4" PL/CI | 5.40 | 4.50 | 10.00 |
| 1002-662RC | 6" Clay to 6" PL/CI | 7.50 | 6.60 | 10.00 |
| 1002-882RC | 8" Clay to 8" PL/CI | 9.65 | 8.65 | 10.25 |
| 1002-10102RC | 10" Clay to 10" PL/CI | 12.50 | 10.50 | 10.25 |
| 1002-12122RC | 12" Clay to 12" PL/CI | 14.50 | 12.50 | 10.25 |

*Equipped with two clamps per coupling - not including shield.

Flexible Chemical Couplings



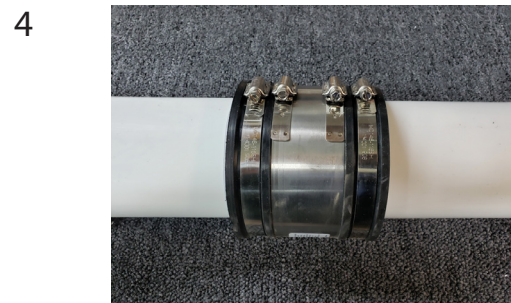
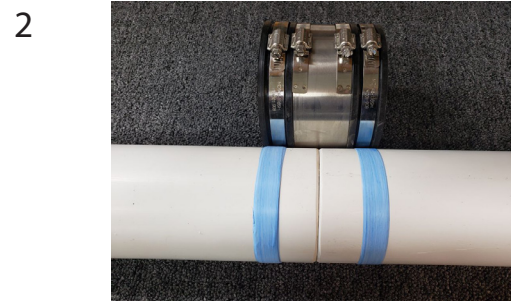
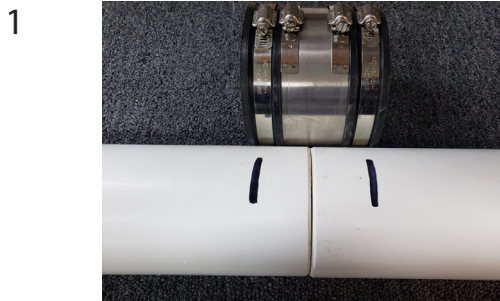
Fernco Chemical Couplings provide a flexible and watertight connection on drainage systems that require a high chemical resistance to a wide range of chemicals. Manufactured to meet specific site requirements, Fernco Chemical Couplings withstand the widest possible range of chemicals, due to the shear band and clamping bands encasing a high-performance elastomeric sleeve with a chemically resistant one-piece Fluoropolymer (FEP) liner and PTFE seals.

- Transitions dissimilar chemical piping and sizes
- Chemical resistant drain system, connects chemical waste piping to chemical waste tanks
- One piece Fluoropolymer (FEP) liner
- Suitable for above & below ground use
- Max temp: 212° F consistent, 266° F intermittent
- 4.3 PSI maximum test pressure

| Part Number | Description | Min. Inch | Max. Inch |
|-------------|--------------------------|-----------|-----------|
| CC56G | 1 1/2" PL/CI/GL | 1.73" | 2.09" |
| CC65G | 2" PL/CI/GL or 1 1/2" DU | 2.13" | 2.60" |
| CC75G | 2" DU or 2 1/2" PL | 2.64" | 3.11" |
| CC100G | 3" PL/CI/GL | 3.15" | 3.50" |
| CC115G | 3" DU/DI | 3.54" | 4.29" |
| CC125G | 4" PL/CI/GL/DU/DI | 4.33" | 5.20" |
| CC180G | 6" PL/CI/GL/DU/DI | 6.22" | 7.01" |
| CC225G | 8" PL/CI/GL/DU/DI | 8.35" | 9.21" |
| CC275G | 10" CI/GL | 9.25" | 10.59" |
| CC290G | 10" PL/DU/DI | 10.63" | 12.09" |
| CC335G | 12" PL/CI/GL | 12.25" | 12.75" |
| CC345G | 12" DU/DI | 12.75" | 13.50" |

Flexible Couplings

Installation Steps:



THE HULK COUPLING

STRONG. FLEXIBLE. STEEL REINFORCED UNIVERSAL COUPLING.



**UNIVERSAL
SEWER AND
DRAIN REPAIR
COUPLING BY**



patent pending

Benefits

- One universal coupling connects most pipe materials
- One coupling per nominal size
- Heavy duty, multi-dimensional, non-shear sewer & drain coupling
- Protects the pipe against ground movement
- Complies with that material and performance requirements of ASTM C1173
- Corrosion resistant, high torque stainless steel clamps up to 120 in./lbs
- Embedded with Stainless Steel Ribbed Construction

One coupling per nominal pipe size connects:

- Clay
- Ductile Iron
- Asbestos Cement
- Cast Iron
- Plastic

| Part Number | Size | Dimensional Range |
|-------------|------|-------------------|
| HULK 4 | 4" | 5.60" - 4.20" |
| HULK 5 | 5" | 6.70" - 5.30" |
| HULK 6 | 6" | 8.00" - 6.20" |
| HULK 8 | 8" | 10.15" - 8.40" |
| HULK 10 | 10" | 12.75" - 10.50" |
| HULK 12 | 12" | 15.30 - 12.50" |

| | HULK4 | | HULK5 | | | HULK6 | | | HULK8 | | HULK10 | | HULK12 | | | |
|--|--------------------|-----------|--------------------|-------------|-----------|--------------------|-------------|-------------|---------------------|--------------|----------------------|------------|----------------------|--------------|------------|------------|
| COUPLING RANGE | 5.60"-4.20" | | 6.65"-5.30" | | | 8.00"-6.20" | | | 10.15"-8.40" | | 12.75"-10.50" | | 15.30"-12.50" | | | |
| CLAY | 4" | 5" | 4" | 5" | 6" | 4" | 5" | 6" | 6" | 8" | 10" | 12" | 10" | 12" | 14" | 15" |
| Eastern Standard Clay | 5.23 | | | 6.31 | | | 6.31 | 7.44 | | 9.84 | 11.99 | | | 14.36 | | |
| Pacific Clay | 5.36 | | 5.36 | | | | | 7.93 | | 9.93 | | | 12.88 | 15.30 | | |
| Gladding McBean Clay | 5.31 | | 5.31 | | | | | 7.87 | | | 12.47 | | | 14.52 | | |
| Building Products Clay | 5.20 | | | | | | | 7.75 | | 9.80 | 12.40 | | | 14.40 | | |
| Can Clay Denlok | | | | | | 7.64 | | | 9.88 | | | | 13.82 | | | |
| Mission Clay | 5.37 | | 5.37 | 6.65 | | | 6.65 | 7.68 | | 9.90 | 12.43 | | | 14.46 | | |
| Mission No Dig | | | | | | | | | | | | | 13.50 | | | |
| Logan Clay | 4.92 | | | | | | | 7.52 | | 9.70 | 12.08 | | | 14.36 | | |
| CAST AND DUCTILE IRON | | | | | | | | | | | | | | | | |
| Ductile Iron | 4.80 | | | | | | | 6.90 | | 9.05 | 11.10 | | | 13.20 | 15.30 | |
| Duriron | 4.76 | | | | 6.69 | | | 6.69 | | 9.02 | 11.25 | | | 13.25 | | |
| Extra Heavy Cast Iron | 4.50 | 5.50 | | 5.50 | 6.50 | | | 6.50 | | 8.62 | 10.75 | 12.75 | | 12.75 | | |
| Service Weight Cast Iron | 4.30 | 5.30 | | 5.30 | 6.30 | | | 6.30 | | 8.38 | 10.50 | 12.50 | | 12.50 | | |
| No Hub Cast Iron | 4.38 | 5.30 | | 5.30 | 6.30 | | | 6.30 | | 8.38 | 10.56 | 12.50 | | 12.50 | | |
| STEEL | | | | | | | | | | | | | | | | |
| Stainless Steel | 4.50 | 5.563 | | 5.56 | 6.625 | | | 6.625 | | 8.625 | 10.75 | 12.75 | | 12.75 | | |
| Steel | 4.50 | 5.563 | | 5.56 | 6.625 | | | 6.625 | | 8.625 | 10.75 | 12.75 | | 12.75 | 14.00 | |
| COPPER | | | | | | | | | | | | | | | | |
| Rigid Copper (TYPES K,L,M) | | 5.125 | | | 6.125 | | | | | 8.125 | | | | | | |
| PLASTIC | | | | | | | | | | | | | | | | |
| SDR-35 ASTM-3034 | 4.22 | | | | 6.28 | | | 6.28 | | 8.40 | 10.50 | 12.50 | | 12.50 | | 15.30 |
| PS-46, PS-75, PS-115 (ASTM-F679) | | | | | | | | | | | | | | | | |
| Thinwall Plastic (S&D) | | 5.30 | | 5.30 | 6.27 | | | 6.27 | | 8.16 | | | | | | |
| Plastic Schedule 40, 80, 120 | 4.50 | 5.563 | | 5.56 | 6.625 | | | 6.625 | | 8.625 | 10.75 | 12.75 | | 12.75 | 14.00 | |
| HDPE Pipe (DIPS) | 4.80 | | | | | | | 6.90 | | 9.05 | 11.10 | | | 13.20 | 15.30 | |
| HDPE Pipe (IPS) | 4.50 | 5.56 | | 5.56 | 6.63 | | | 6.63 | | 8.63 | 10.75 | 12.75 | | 12.75 | 14.00 | |
| ULTRA RIB™ | | | | | | | | | | 8.81 | 11.02 | | | 13.10 | | |
| ULTRA CORR™ | | | | | | | | | | | | | | | | |
| C900 AND C905 | 4.80 | | | | | | | 6.90 | | 9.05 | 11.10 | | | 13.20 | 15.30 | |
| CONTECH A-2000™ | 4.30 | | | | 6.42 | | | 6.42 | | 8.60 | 10.79 | | | 12.80 | | |
| Royal Kor Flo™ | | | | | | | | | | 8.60 | 10.78 | | | 12.79 | | |
| ARMCO TRUSS | | | | | | | | | | 9.40 | 11.80 | | | 14.10 | | |
| ASBESTOS CEMENT (A/C) | | | | | | | | | | | | | | | | |
| Asbestos Cement Sewer Class | 4.81 | | | 5.90 | | | | 6.92 | | 9.02 | 11.12 | | | 13.20 | 15.30 | |
| Asbestos Cement Sewer Class 1500, 2400, 3300, 4000, 5000 MIN/MAX Dimensions | | | | | | | | | | | | | | | | |
| CONCRETE | | | | | | | | | | | | | | | | |
| CONCRETE Dimensions will vary by manufacturer and class of pipe | 5.50 MIN | | 5.50 MIN | 6.50 MIN | | | 6.50 MIN | 7.75 MIN | | 10.00 MIN | 12.45 MIN | | | 14.50 MIN | | |
| ORANGEBURG | | | | | | | | | | | | | | | | |
| Orangeburg Bituminous Fiber (Actual sizes may be larger than stated size) | 4.64 | | | 5.82 | | | | 6.96 | | 9.14 | | | | | | |

Puddle Flange

- Stops Water Infiltration and Exfiltration
- Stops Radon Gas
- Easy Installation and Cost-Effective Solution
- Good Chemical Resistance
- Suitable for All Pipe Materials
- Install in Ceilings, Floors and Walls



Molded

| Part Number | Min. Pipe Size | Max. Pipe Size |
|-------------|----------------|----------------|
| FRK9602 | .63 | .98 |
| FRK9603 | 1.25 | 1.42 |
| FRK9404 | 1.50 | 1.77 |
| FRK9605 | 1.78 | 2.20 |
| FRK9606 | 2.21 | 2.80 |
| FRK9607 | 2.81 | 3.31 |
| FRK9609 | 3.54 | 4.13 |
| FRK9611 | 4.33 | 4.80 |
| FRK9612 | 4.92 | 5.56 |
| FRK9614 | 5.51 | 6.10 |
| FRK9616 | 6.30 | 6.90 |
| FRK9618 | 7.09 | 7.48 |
| FRK9420 | 7.52 | 8.46 |
| FRK9422 | 8.50 | 9.33 |
| FRK9425 | 9.69 | 10.63 |
| FRK9426 | 10.75 | 11.81 |
| FRK9431 | 12.00 | 13.39 |
| FRK9440 | 17.17 | 18.50 |

Fabricated

Specify pipe OD when ordering

| Part Number | Min. Pipe Size | Max. Pipe Size |
|-------------|----------------|----------------|
| FRK9503 | 11.81 | 15.73 |
| FRK9504 | 15.74 | 19.67 |
| FRK9505 | 19.68 | 23.61 |
| FRK9506 | 23.62 | 27.54 |
| FRK9507 | 27.55 | 31.48 |
| FRK9508 | 31.49 | 35.42 |
| FRK9509 | 35.43 | 39.36 |
| FRK9510 | 39.37 | 43.29 |
| FRK9511 | 43.30 | 47.23 |
| FRK9512 | 47.24 | 51.00 |

- Fitted puddle flanges have an outside diameter $\approx 4''$ larger than the pipe onto which they are installed (dependent on size)
- Concrete cover should be 2" against every surface around the puddle flange. Waterproof concrete should be used to ensure a water tight seal
- Puddle flanges do not provide axial restraint so they should not be used when axial loading on the pipe is present. The pipe has to be fully supported to withstand the concrete pouring process
- Tighten clamps to 60 in-lb torque

No Hub Couplings

Engineered to connect No-Hub cast iron pipe



Standard No-Hub

Conforms to CISPI 301 and complies with ASTM C 1277. Gasket meets the requirements of ASTM C 564. 60 in.lbs torque, 120 in.lbs for NH-1212 and NH-1515.

Medium Duty No-Hub

Conforms to CISPI 310, Factory Mutual CN 1680 and complies with ASTM C564, ASTM C1540, IAPMO file #3198. Gasket meets the requirements of ASTM C564. 80 in.lbs torque. Easily identified with yellow color.

Heavy Duty No-Hub

Conforms to CISPI 310, Factory Mutual EN 1680 and complies with ASTM C564, ASTM C1540, IAPMO file #3198. Gasket meets the requirements of ASTM C564. 80 in.lbs torque. Easily identified with green color.

| Part Number | Size | Part Number | Size | Part Number | Size |
|-------------|--------|-------------|--------|-------------|--------|
| NH-150 | 1-1/2" | MD-150 | 1-1/2" | HD-150 | 1-1/2" |
| NH-22 | 2" | MD-22 | 2" | HD-22 | 2" |
| NH-33 | 3" | MD-33 | 3" | HD-33 | 3" |
| NH-44 | 4" | MD-44 | 4" | HD-44 | 4" |
| NH-55 | 5" | MD-55 | 5" | HD-55 | 5" |
| NH-66 | 6" | MD-66 | 6" | HD-66 | 6" |
| NH-88 | 8" | MD-88 | 8" | HD-88 | 8" |
| NH-1010 | 10" | MD-1010 | 10" | HD-1010 | 10" |
| NH-1212 | 12" | | | | |
| NH-1515 | 15" | | | | |

Plastic Socket

Socket-to-socket and socket-to-pipe connections



Plastic Socket to Plastic Pipe

A B C

| Part Number | in. | mm | in. | mm | in. | mm |
|-------------|------|-----|------|-----|------|-----|
| 1059-150 | 2.26 | 57 | 1.97 | 50 | 3.90 | 99 |
| *1059-215 | 2.69 | 68 | 1.90 | 48 | 3.91 | 99 |
| 1059-22 | 2.70 | 69 | 2.40 | 61 | 3.91 | 99 |
| *1059-32 | 3.99 | 101 | 2.38 | 60 | 3.99 | 101 |
| 1059-33 | 3.99 | 101 | 3.49 | 89 | 3.99 | 101 |
| *1059-42 | 5.01 | 127 | 2.38 | 60 | 3.99 | 101 |
| *1059-43 | 5.01 | 127 | 3.38 | 86 | 3.99 | 101 |
| 1059-44 | 5.01 | 127 | 4.50 | 114 | 3.99 | 101 |



Plastic Socket to Plastic Socket

A B C

| Part Number | in. | mm | in. | mm | in. | mm |
|-------------|------|-----|------|-----|------|-----|
| 1060-150 | 2.26 | 57 | 2.26 | 57 | 3.92 | 100 |
| 1060-22 | 2.70 | 69 | 2.70 | 69 | 3.95 | 100 |
| 1060-33 | 3.94 | 100 | 3.94 | 100 | 3.97 | 101 |
| 1060-44 | 5.01 | 127 | 5.01 | 127 | 3.97 | 101 |

Technical Data

- Compatible with plastic traps
- Shorten length to 3" or 2"
- Maximum pressure: 4.3 PSI

Flexible Couplings

Pipe Sleeves

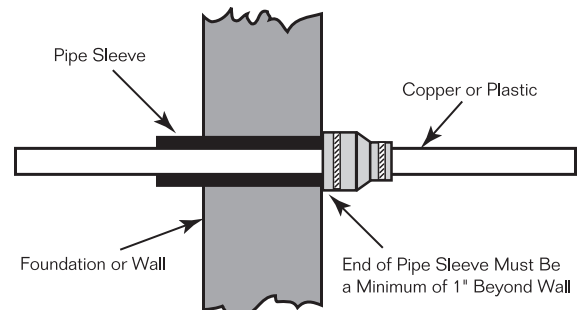
Seal pipe sleeves and carrier pipes

| Part Number | Pipe Sleeve | Carrier Pipe |
|-------------|-------------|-------------------------------|
| DTC110 | 1-1/2" | 3/4", 1" plastic or 1" copper |
| DTC210 | 2" | 3/4", 1" plastic or 1" copper |
| 1056-315 | 3" | 1-1/2" |
| 1056-32 | 3" | 2" |
| 1056-415 | 4" | 1-1/2" |
| 1056-42 | 4" | 2" |
| 1056-43 | 4" | 3" |



Technical Data

- Above and below ground applications
- Maximum test pressure: 4.3 PSI
- Maximum operating temperature: 140°F intermittent
- Conforms to ASTM D5926, C1173 and CSA B602



Expansion Joints

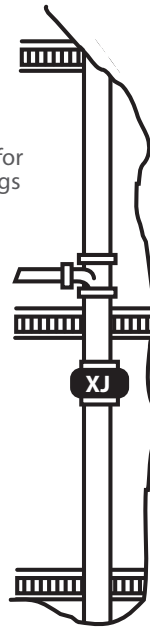
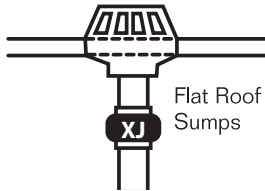
Thermal expansion and contraction of vertical pipes

Technical Data

- Alternative for DWV offsets
- Residential and commercial applications
- Unique one-piece construction
- No moving parts to malfunction
- Positive positioning internal stops
- Applicable for drain, waste and vent stacks, and interior rain water conductor systems
- Accommodates a maximum of 1½" pipe expansion and ½" contraction from a normal position
- Above-ground use only



Stack installations for multi-story buildings



| Part Number | Nominal Pipe Size |
|-------------|-------------------|
| XJ-150 | 1-1/2" (38mm) |
| XJ-2 | 2" (50mm) |
| XJ-3 | 3" (76mm) |
| XJ-4 | 4" (101mm) |

Qwik Tee's and Ell's

Extra length for 90° and tee connections

Technical Data

- Creates 90° connections
- Fits cast iron, plastic, steel, copper and lead pipe
- Conforms to ASTM D5926
- Length allows cut-out fittings
- Above-ground use only



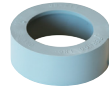
Qwik Ells - CI, Copper, ST or Lead

| Part Number | A | | C | |
|-------------|------|-----|------|-----|
| | in. | mm | in. | mm |
| QL-150 | 1.90 | 48 | 1.90 | 48 |
| QL-200 | 2.40 | 61 | 2.40 | 61 |
| QL-300 | 3.50 | 89 | 3.50 | 89 |
| QL-400 | 4.50 | 114 | 4.50 | 114 |



Qwik Tees - CI, PL, Copper, St or Lead

| Part Number | A | | B | | C | |
|-------------|------|-----|------|-----|------|-----|
| | in. | mm | in. | mm | in. | mm |
| QT-150 | 1.90 | 48 | 1.90 | 48 | 1.90 | 48 |
| QT-200 | 2.40 | 61 | 2.40 | 61 | 2.40 | 61 |
| QT-300 | 3.50 | 89 | 3.50 | 89 | 3.50 | 89 |
| QT-400 | 4.50 | 114 | 4.50 | 114 | 4.50 | 114 |



Qwik Bushing - Reducer

| Part Number | A | | B | |
|-------------|------|-----|------|----|
| | in. | mm | in. | mm |
| QB-215 | 2.37 | 60 | 1.88 | 48 |
| QB-32 | 3.41 | 87 | 2.31 | 59 |
| QB-43 | 4.39 | 112 | 3.43 | 87 |

Western Series Center Stop Couplings & Bushings

Technical Data

- Bushings available for common 4", 6" and 8" transitions
- Sch. 40 PVC, ABS plastic and SDR-35 Plastic
- Bead, bald and plain-end cast iron
- Rough barrel and machined-end AC
- Ductile iron
- 300 series stainless steel band clamps, 316 available



Couplings

| Part Number | Size |
|-------------|---------------------------------------|
| 1081-44 | 5.44" x 5.44" Clay to Clay |
| 1081-66 | 8.00" x 8.00" Clay to Clay |
| 1081-88 | 10.00" x 10.00" Clay to Clay |
| 1085-88 | 9.00" x 9.00" AC x AC |
| 1086-33 | 3.40" x 3.40" Cl or PL to Cl or PL |
| 1086-44 | 4.56" x 4.56" Cl or PL to Cl or PL |

Bushings

| Part Number | Size |
|-------------|---|
| 481-2.38 | 5.38" x 2.38" Clay x PECl |
| 481-3.38 | 5.38" x 3.38" Clay x PECl |
| 481-3.50 | 5.38" x 3.50" Clay x Bead Cl, PL, XHCl |
| 481-4.25 | 5.38" x 4.25" Clay x SDR-35 or PVC |
| 481-4.38 | 5.38" x 4.39" Clay x PECl or Bald Cl (J) |
| 481-4.50 | 5.38" x 4.50" Clay x ABS or Sch. 40 |
| 481-4.63 | 5.38" x 4.63" Clay x Bead Cl or MEAC (C) |

| | |
|----------|--|
| 481-4.90 | 5.38" x 4.90" Clay x RBAC or Cl 150 DI (B) |
| 681-6.38 | 7.98" x 6.37" Clay x PECl or PVC (J) |
| 681-6.63 | 7.98" x 6.62" Clay x ABS, Bead Cl, MEAC (C) |
| 881-8.38 | 10.18" x 8.42" Clay x PECl or PVC (J) |
| 881-8.63 | 10.18" x 9.00" Clay x ABS, Bead Cl, MEAC |
| 881-9.00 | 10.18" x 9.00" Clay x RBAC or Cl 150 DI (B) |
| 885-8.38 | 9.00" x 8.42" AC x PECl or PVC |
| 885-8.63 | 9.00" x 8.64" Clay x ABS, Bead Cl, MEAC |

Flexible Couplings

Corrugated Pipe Couplings

Connect ADS and Hancor corrugated polyethylene to plastic



Technical Data

- Available in 3", 4" 6" and 8" sizes
- Conforms to ASTM D5926
- Connects corrugated polyethylene drainage and irrigation systems to sewer, drain or DWV plastic pipe



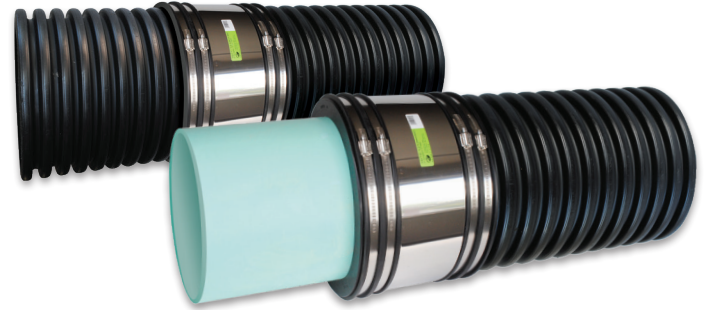
| Part Number | A | | B | | C | |
|-------------|------|-----|------|-----|------|-----|
| | in. | mm | in. | mm | in. | mm |
| *1070-32 | 3.57 | 91 | 2.38 | 60 | 3.96 | 101 |
| 1070-33 | 3.57 | 91 | 3.44 | 87 | 3.96 | 101 |
| *1070-42 | 4.76 | 121 | 2.38 | 60 | 3.94 | 100 |
| *1070-43 | 4.76 | 121 | 3.38 | 86 | 3.94 | 100 |
| 1070-44 | 4.76 | 121 | 4.29 | 109 | 3.94 | 100 |
| *1070-63 | 6.83 | 173 | 3.38 | 86 | 5.91 | 150 |
| *1070-64 | 6.83 | 173 | 4.38 | 111 | 5.91 | 150 |
| *1070-65 | 6.83 | 173 | 5.50 | 140 | 5.91 | 150 |
| 1070-66 | 6.83 | 174 | 6.50 | 165 | 5.91 | 150 |
| *1070-84 | 9.76 | 248 | 4.38 | 111 | 5.70 | 145 |
| *1070-86 | 9.76 | 248 | 6.38 | 162 | 5.70 | 145 |
| 1070-88 | 9.76 | 248 | 8.42 | 214 | 5.70 | 145 |

HTRC Corrugated Pipe Couplings

Large diameter corrugated pipe couplings 10" to 60"

Technical Data

- **Shear Resistance:** .012" (12mil) 300 series stainless steel sheer ring
- **High Torque Clamps:** 301 series stainless steel high torque clamps
 - 10" couplings are 6" wide with two clamp areas
 - 12" and larger couplings are 10" wide with 4 clamp areas.
- **Sealing Gasket:** The flexible PVC gasket has a smooth inside surface to provide ultimate sealing performance, making 360° contact over its entire length.



Flexible Couplings

Greater sealing force on corrugated pipe

Additional sizes available upon request.

Corrugated Polyethylene to Plastic

| Part Number | A | | B | | C | |
|----------------|------|------|------|------|------|-----|
| | in. | mm | in. | mm | in. | mm |
| *1070-10-8HTRC | 11.6 | 295 | 8.4 | 213 | 6.0 | 152 |
| *1070-1010HTRC | 11.6 | 295 | 10.5 | 267 | 6.0 | 152 |
| *1070-1210HTRC | 14.4 | 366 | 10.5 | 267 | 10.0 | 254 |
| *1070-1212HTRC | 14.4 | 366 | 12.5 | 318 | 10.0 | 254 |
| *1070-1515HTRC | 17.7 | 450 | 15.3 | 389 | 10.0 | 254 |
| *1070-1818HTRC | 21.3 | 541 | 18.7 | 475 | 10.0 | 254 |
| *1070-2424HTRC | 28.1 | 714 | 24.8 | 630 | 10.0 | 254 |
| *1070-3030HTRC | 35.4 | 899 | 31.5 | 800 | 10.0 | 254 |
| *1070-3636HTRC | 41.6 | 1057 | 39.4 | 1001 | 10.0 | 254 |
| *1070-4242HTRC | 47.7 | 1212 | 44.5 | 1130 | 10.0 | 254 |
| *1070-4848HTRC | 54.1 | 1374 | 50.8 | 1290 | 10.0 | 254 |

Corrugated Polyethylene to Corrugated Polyethylene

| Part Number | A | | B | | C | |
|---------------|------|------|------|------|------|-----|
| | in. | mm | in. | mm | in. | mm |
| 1071-1010HTRC | 11.6 | 295 | 11.6 | 295 | 6.0 | 152 |
| 1071-1212HTRC | 14.4 | 366 | 14.4 | 366 | 10.0 | 254 |
| 1071-1515HTRC | 17.7 | 450 | 17.7 | 450 | 10.0 | 254 |
| 1071-1818HTRC | 21.3 | 541 | 21.3 | 541 | 10.0 | 254 |
| 1071-2424HTRC | 28.1 | 714 | 28.1 | 714 | 10.0 | 254 |
| 1071-3030HTRC | 35.4 | 899 | 35.4 | 899 | 10.0 | 254 |
| 1071-3636HTRC | 41.6 | 1057 | 41.6 | 1057 | 10.0 | 254 |
| 1071-4242HTRC | 47.7 | 1212 | 47.7 | 1212 | 10.0 | 254 |
| 1071-4848HTRC | 54.1 | 1374 | 54.1 | 1374 | 10.0 | 254 |
| 1071-5454HTRC | 61.0 | 1549 | 61.0 | 1549 | 10.0 | 254 |
| 1071-6060HTRC | 66.8 | 1697 | 66.8 | 1697 | 10.0 | 254 |

Ultra Rib Couplings

Effectively connect sewer pipe



ETI to SDR-35 Plastic

| Part Number | A | | B | | C | |
|-------------|-------|-----|-------|-----|-------|------|
| | in. | mm | in. | mm | in. | mm |
| 1072-1212 | 14.00 | 355 | 14.00 | 355 | 9.89 | 251 |
| 1072-1515 | 16.80 | 427 | 16.80 | 427 | 9.89 | 251 |
| 1072-1818 | 20.30 | 515 | 20.30 | 515 | 10.00 | 2540 |
| 1072-2121 | 23.75 | 603 | 23.75 | 603 | 10.00 | 2540 |
| 1072-2424 | 26.75 | 680 | 26.75 | 680 | 10.00 | 2540 |



ETI to Asbestos Cement or Ductile Iron

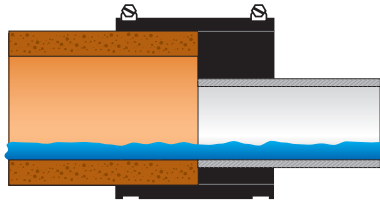
| Part Number | A | | B | | C | |
|-------------|-------|-----|-------|-----|-------|------|
| | in. | mm | in. | mm | in. | mm |
| *1073-1212 | 14.00 | 355 | 12.25 | 311 | 9.89 | 251 |
| *1073-1515 | 16.80 | 427 | 15.30 | 388 | 9.89 | 251 |
| *1073-1818 | 20.30 | 515 | 18.75 | 476 | 10.32 | 262 |
| *1073-2121 | 23.75 | 603 | 21.60 | 548 | 12.53 | 318 |
| *1073-2424 | 26.00 | 660 | 24.80 | 630 | 10.00 | 2540 |

Eccentric Bushings & Couplings

Maintain a continuous flow-line in critical grade conditions

Technical Data

- Available for all common sewer pipe
- Aligns the inside wall of the two pipes
- Provides an obstruction free flow
- Meets ASTM C 1173 and D 5926
- 300 series stainless steel clamps
- Maximum test pressure 4.3 PSI



- **1002 EB**
Clay to Cast Iron or Plastic
- **1006 EB**
Concrete to Cast Iron or Plastic
- **1051 EB**
AC or Ductile Iron to Cast Iron or Plastic
- **1055 EB**
AC or Ductile Iron to AC or Ductile Iron
- **1056 EB**
Cast Iron, Plastic, Copper, Steel or Lead to Cast Iron, Plastic, Copper, Steel or Lead

Large Diameter Couplings

For non-standard or special size applications

Technical Data

- 10 inches wide
- 300 stainless steel high torque clamps with multiple take up points
- Up to 120-lbs of torque for greater sealing pressure

*Where O.D. differences range from 1-1/4" - 12", a Fernco bushing system is available



The ideal coupling for repairs, alterations or rehabilitation of large diameter sewer pipe.

CUSTOM CONNECTIONS

Any size, any material.

Expanded Range LDC Couplings

- Connect pipe materials with O.D.'s up to 12"
- Interlocking bushing system
- Reduces customer cost by utilizing one coupling and bushing configuration
- Reduces multiple couplings and intermediate pipe

*Where O.D. differences range from 1-1/4" - 12", a Fernco bushing system is available



Stainless Steel Clamps

9/16" to 16"



Series 316 stainless and high torque clamps are available upon request

Interlocked housing and band design strengthens under tension to ensure a positive seal. Bands have additional slots to accommodate greater dimensional range.

| Part Number | For Diameters |
|-------------|--------------------|
| 012-300 | 9/16" to 1-1/4" |
| 024-300 | 1-1/16" to 2" |
| 028-300 | 1-5/16" to 2-1/4" |
| 032-300 | 1-9/16" to 2-1/2" |
| 038-300 | 1-15/16" to 2-7/8" |
| 042-300 | 2-3/16" to 3-1/8" |
| 044-300 | 2-5/16" to 3-1/4" |
| 064-300 | 2-5/8" to 4-1/2" |
| 080-300 | 3-5/8" to 5-1/2" |
| 088-300 | 4-3/32" to 6" |
| 096-300 | 4-1/2" to 6-1/2" |

| Part Number | For Diameters |
|-------------|--------------------|
| 104-300 | 5" to 7" |
| 116-300 | 5-3/4" to 7-3/4" |
| 128-300 | 6-1/2" to 8-1/2" |
| 140-300 | 7" to 9-1/4" |
| 152-300 | 8" to 10" |
| 164-300 | 8-3/4" to 10-3/4" |
| 184-300 | 10" to 12" |
| 196-300 | 10-3/4" to 12-3/4" |
| 212-300 | 11-3/4" to 13-3/4" |
| 248-300 | 14" to 16" |

Torque Wrenches

Metal construction for 5/16" hex head screws, preset to 60 in. lbs. torque

Recommended for Fernco couplings and other banded Fernco products



TW-100
Built-in reversing lever



TW-200
Finger grip reversing collar

Flexible Couplings

Custom Large Diameter Debris Caps

Custom fabricated from 14" and larger pipe O.D.

Technical Data

- Reusable or permanent debris caps for pipe ends
- Designed for direct burial on non-pressurized horizontal pipe lines
- Strong two-piece construction
 - CAP Face: Rigid durable FPVC
 - Cap Body: Flexible PVC
 - Clamps: All 300 series stainless steel with 60"lb. installation torque
- Soil tight seal



CUSTOM
Any size, any material.

NOTE: Not intended for use as a load bearing surface on vertically orientated pipe. Do not stand or step on cap surface if installed on vertically orientated pipe.

Qwik Caps

Quick, reusable caps for pipe ends, testing & cleanouts



Technical Data

- Underground or above-ground applications
- Complies to ASTM D 5926
- 300 stainless steel clamps
- Maximum operating temperature: 140°F intermittent
- Maximum test pressure: 4.3 PSI
- Permanent seal



Nominal Qwik Caps

| Part Number | I.D. | Min. | Max. | Material |
|----------------|-------|-------|-------|--|
| QC-101 | 1.90 | 1.75 | 2.00 | 1 1/2" PL, CI, Copper or ST |
| QC-102 | 2.40 | 2.25 | 2.60 | 2" PL, CI, Copper or ST or 1 1/2" Durion |
| QC-103 | 3.50 | 3.25 | 3.70 | 3" PL, CI, Copper or ST |
| QC-104 | 4.50 | 4.25 | 4.70 | 4" PL, CI, Copper, ST or Triple Wall |
| QC-105 | 5.60 | 5.35 | 5.80 | 5" PL, CI, Copper or ST or 4" Clay or Concrete |
| QC-106 | 6.60 | 6.35 | 6.80 | 6" PL, CI, Copper, ST or SS or 5" EC, OB, AC or Concrete |
| QC-108 | 8.50 | 8.25 | 8.70 | 8" PL, CI, Copper, ST or SS or 6" WC |
| QC-110 (TC-10) | 10.47 | 9.88 | 11.00 | 10" PL, CI, Copper, ST or SS or 8" Concrete |
| QC-112 | 12.49 | 11.41 | 13.33 | 12" PL, CI, ST, Ductile or AC or 10" WC, EC or Concrete |

| Part Number | I.D. | Min. | Max. | Material |
|-------------|-------|-------|-------|---|
| QC-0.85 | 0.85 | 0.79 | 0.91 | 1/2" PL or ST or 3/4" Copper or SS |
| QC-1.07 | 1.07 | 1.00 | 1.12 | 3/4" PL or ST or 1" Copper or SS |
| QC-1.38 | 1.37 | 1.22 | 1.50 | 1" PL or ST or 1 1/4" Copper or SS |
| QC-1.68 | 1.68 | 1.37 | 1.87 | 1 1/4" PL or ST or 1 1/2" Copper or SS |
| QC-2.75 | 2.75 | 2.18 | 2.93 | 2" Durion |
| QC-3.75 | 3.76 | 3.29 | 4.00 | 3" Durion or 4" SS |
| QC-4.75 | 4.82 | 4.32 | 5.05 | 4" Durion, Ductile, OB or Corrugated or 5" SS |
| QC-7.00 | 6.96 | 6.44 | 7.25 | 5" WC or 6" Ductile, AC, OB or Corrugated |
| QC-9.00 | 9.01 | 8.59 | 9.34 | 8" Ductile, OB, AC or Corrugated |
| QC-9.75 | 9.75 | 9.29 | 10.00 | 8" WC or EC |
| QC-10.75 | 10.74 | 10.22 | 11.15 | 10" Ductile, AC or Corrugated |
| QC-14.00 | 14.00 | 13.23 | 14.30 | 12" Concrete or Clay or 14" PL |

Qwik Caps offer a quick, easy way to cap pipe ends, cleanouts and test pipes. Made of flexible PVC, they are suitable for above-ground or underground applications on cast iron, steel, copper or plastic piping.

WC: West Coast Clay
 EC: Eastern Standard Clay
 OB: Orangeburg
 PL: Plastic

CI: Cast Iron
 AC: Asbestos Cement
 ST: Steel
 SS: Stainless Steel



Fernco QwikSeal

| Part Number | Pipe Inlet | Host Pipe Size Application |
|-------------|------------|------------------------------|
| QS-4 | 4" SDR | 8" diameter and larger pipe |
| QS-4S40 | 4" SCH-40 | 8" diameter and larger pipe |
| QS-6 | 6" SDR-35 | 10" diameter and larger pipe |
| QS-6S40 | 6" SCH-40 | 10" diameter and larger pipe |
| QS-8 | 8" SDR-35 | 15" diameter and larger pipe |

NOTE Corrugated Applications

- QS-4 and QS-4S40: 8" to 24" pipe diameter
- QS-6 and QS-6S40: 10" to 24" pipe diameter
- QS-8: 15" to 24" pipe diameter

Fernco Hole Saws

| Part Number | Description |
|-------------|--------------------------------------|
| QS-5x4HS | 5" OD x 4" Deep Hole Saw with Arbor |
| QS-7x4HS | 7" OD x 4" Deep Hole Saw with Arbor |
| QS-9x4HS | 9" OD x 4" Deep Hole Saw with Arbor |
| QS-SAW5S | 5" OD x 4" Deep Hole Saw |
| QS-SAW7S | 7" OD x 4" Deep Hole Saw |
| QS-SAW9S | 9" OD x 4" Deep Hole Saw |
| QS-ARBOR-S | 3/8" x 6" Drill with 1/2" Arbor |
| QS-ADAPTER | 1 1/4" x 3/4" Coring Machine Adapter |

Fernco Coring Bits

| Part Number | Description |
|-------------|--|
| QS-5x14CB | 5" OD x 14" Length Abrasive Coring Bit |
| QS-7x14CB | 7" OD x 14" Length Abrasive Coring Bit |
| QS-9x14CB | 9" OD x 14" Length Abrasive Coring Bit |

Connect service pipe to solid wall, profile, closed profile and corrugated pipe with QwikSeal



Technical Data

- Meets ASTM C 923
- When tested in concrete manholes
 - Creates water-tight, compression seal up to 10 PSI
 - Withstands up to 7° of deflection
- Easy color identification - gray Sch 40 - green SDR-26 & 35
- Independent of host pipe size, type or material
- Reduced complexity, many solutions with one QwikSeal
- Less inventory and more turns

QwikSeal Installation



1. Core a perpendicular hole to the main line:
 - 5" hole for 4" pipe inlet
 - 7" hole for 6" pipe inlet
 - 9" hole for 8" pipe inlet



2. Use sand paper or a file, clean and remove any burrs from opening.



3. Remove band clamp from QwikSeal, fold and insert into opening. Unfold.



4. Pull up on QwikSeal until it stops against the inside of the pipe.



5. Measure the depth of the QwikSeal, from the pipe stop to the top edge.



6. Measure the depth of the fitting to be attached pipe stub. See alternative method below.



7. Add the dimensions of the QwikSeal and the fitting and cut a stub to that length.



8. Bevel the leading edge of the pipe stub for easier insertion into the QwikSeal.



9. Lubricate the QwikSeal and pipe stub.



10. Start the pipe stub into the QwikSeal by hand.



11. Using a hammer and block of wood, drive the pipe stub to the QwikSeal pipe stop.



12. Install the band clamp at 60 in-lbs. torque.



13. Install pipe fitting. Fitting should sit flush with the surface of the QwikSeal.

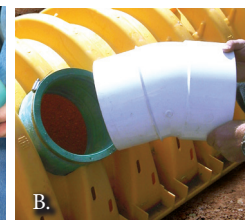


Fitting and QwikSeal should be flush

Alternative Methods to Stub and Fitting

Bell End Pipe: You may also use the bell end of a piece of SDR-35 or SCH-40 instead of the stub and fitting method. After measuring the depth of the QwikSeal in step 5, transfer this measurement to the bell end of your inlet pipe, measuring from the bell. (Figure A) Proceed with steps 8 - 12.

Street Fittings: Street fittings may also be used with QwikSeal. (Figure B)



Tap Saddles & Pressure Kit

Tap Saddle Technical Data

- Conforms to ASTM D 5926
- Manufactured from a specially formulated high durometer PVC
- Includes special 300 series stainless steel 'slip-lock' clamps for a fast and simple installation on any type of pipe from 6"-15"*
- A larger apron with locating ring fits 5" or 7" standard shell cutters
- Large band grooves
- Ensures a **soil-tight seal**
- Available for most 4" or 6" plastic or cast iron drain pipe inlets in **Tee** or **Wye** configurations
- 4" saddle fits 6" and larger host pipe
- 6" saddle fits 8" and larger host pipe

| Part Number | Description |
|-------------|--|
| TST-4 | 4" CI or PL Inlet - Tee Tap Saddle |
| TST-6 | 6" CI or PL Inlet - Tee Tap Saddle |
| TSW-4 | 4" CI or PL Inlet - Wye Tap Saddle |
| TSW-6 | 6" CI or PL Inlet - Wye Tap Saddle |
| *312-300 | Extension Clamps larger than 15" sewer mains |

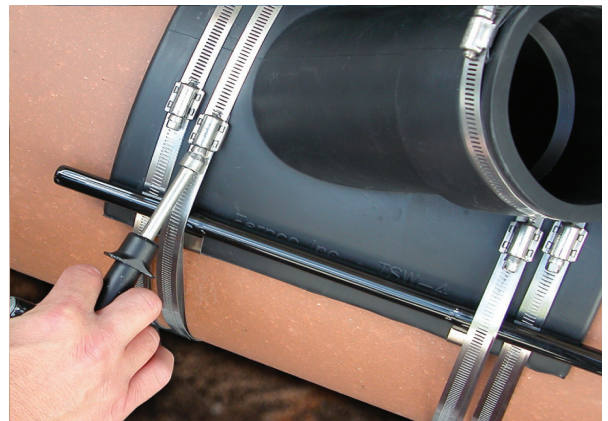


TSPK Technical Data

- Bentonite tape provides a **water tight seal**
- Pressure tested to 10 PSI
- Coated steel reinforcing bars apply an even sealing pressure
- Includes two special 300 series stainless steel 'slip-lock' clamps for a fast and simple installation

| Part Number | Description |
|-------------|--|
| TSPK-46 | Pressure kit for Fernco Flexible Tap Saddles - Fits models: TST-4, TST-6, TSW-4, TSW-6 |

Flexible Tap Saddles provide a soil-tight seal. Use Fernco Tap Saddle Pressure Kit (TSPK-46) for a water-tight connection up to 10 PSI.



ICON Pushfit

Internal Pushfit Connector - 4" & 6" Sewer Pipe and DWV



Simple, fast pushfit connection



Internal Seals

| Product Code | Nominal Dia. (inch) | Description |
|--------------|---------------------|---|
| IC44P | 4 | Connects two pipes having an I.D. range of: 3.90"-4.06" |
| IC66P | 6 | Connects two pipes having an I.D. range of: 5.83"-6.02" |

Benefits

- Internal Pushfit connection - no tools required
- Use where standard couplings cannot be used
- No need to expose external surface of pipe
- Can be removed and re-used
- Watertight connection on any pipe material
- Connects pipes of differing or irregular O.D.
- Pipe stop indicates proper installation
- Internal lip ensures smooth transition
- Rigid ABS Body provides excellent shear resistance
- Ideal for the connection of plastic (SDR 35, Sch 40), Cast Iron and Copper. Does not work for SDR-26
- 4.3 PSI test pressure



1) Clean and measure pipe I.D.



2) Lubricate gasket O.D. with soap & water solution



3) Push in place up to the pipe stop



4) Lubricate gasket and install 2nd pipe

Ensure that the tapered edge on the rubber sleeve does not fold back when inserting into the pipe.

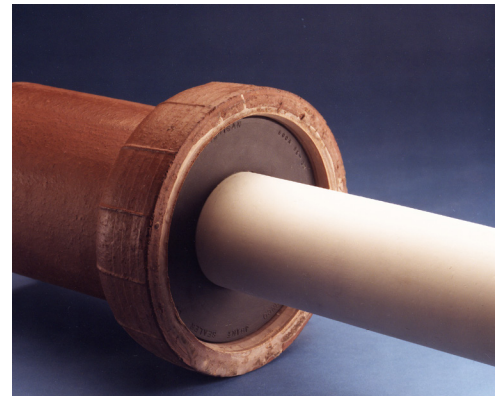
Fernco Donuts

Sewer pipe compression joint seal

Fernco Donuts are flexible PVC donut-shaped rings for the compression sealing of sewer pipe joints and DWV connections such as sockets, hubs, bells and spigots.



Fernco Donuts are available in hundreds of sizes and configurations to use with most brands and types of piping material.



Give us a call.
Our sales coordinators are trained to assist you in making the right part selection.

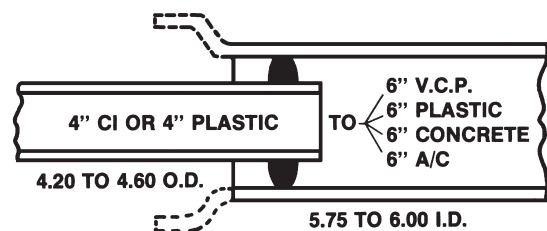
O-Rings

Connects 4" house pipe to 6" sewer pipe

O-rings provide a quick, simple solution to create secure connections between most 4" house pipe and 6" sewer pipe.

Technical Data

- Meets ASTM C 443 and C 425
- Connects CI or plastic house pipe to clay, plastic, concrete or A/C sewer pipe



Installs quickly and easily.
For 4.20" - 4.60" O.D. house pipe
Fits 5.75" - 6.00" I.D. sewer pipe

| Part Number | Description |
|-------------|-----------------------------|
| BR-64 | Rolling style rubber O-Ring |

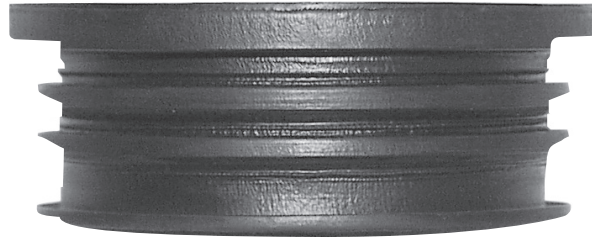
Multi-Tite Pipe Gaskets

Pipe gasket for service weight cast iron pipe

Technical Data

- Meets ASTM C564
- Multi rings on the outside create an easy installation
- Seals sewer pipe joints and connections such as sockets, hubs, bells and spigots

| Part Number | Description |
|-------------|------------------------------|
| SVG-2 | 2" service weight cast iron |
| SVG-3 | 3" service weight cast iron |
| SVG-4 | 4" service weight cast iron |
| SVG-5 | 5" service weight cast iron |
| SVG-6 | 6" service weight cast iron |
| SVG-8 | 8" service weight cast iron |
| SVG-10 | 10" service weight cast iron |
| SVG-12 | 12" service weight cast iron |
| SVG-15 | 15" service weight cast iron |



Concrete Manhole Adapters

Eliminate leaks around pipes entering manhole walls

CMA's and LDCMA's are corrosion proof and unaffected by acid or alkali, however may be subjected to various conditions that are beyond the manufacturers control. Discretion must be used in it's application and installation. CMA's are designed for cast iron and plastic connections and the LDCMA's are custom fabricated to size.

| Part Number | Description |
|-------------|---------------|
| 4 CMA | 4" I.D. Pipe |
| 6 CMA | 6" I.D. Pipe |
| 8 CMA | 8" I.D. Pipe |
| 10 CMA | 10" I.D. Pipe |
| 12 CMA | 12" I.D. Pipe |



For custom sizes, order by specifying the pipe O.D. which is to receive the adapter. Minimum size: 8.5 inches O.D.

Due to the factors that can influence the effectiveness as a seal, Fernco does not warrant this product as a positive seal.

Wax Free Toilet Seal

Residential and commercial applications in three ideal sizes

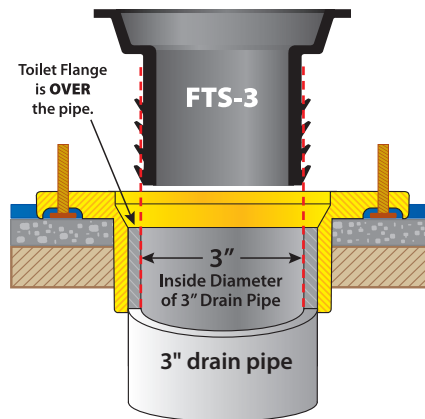
Technical Data

- Strong and flexible to sustain a seal
- Accommodates floors above the toilet flange to 3/4"
- Maintains a gas tight seal even when minor movement occurs
- Impervious to mold and mildew
- Centers itself and the toilet to drain
- Ideal for in-floor radiant heat systems
- Fast, easy installation
- Long-term solution

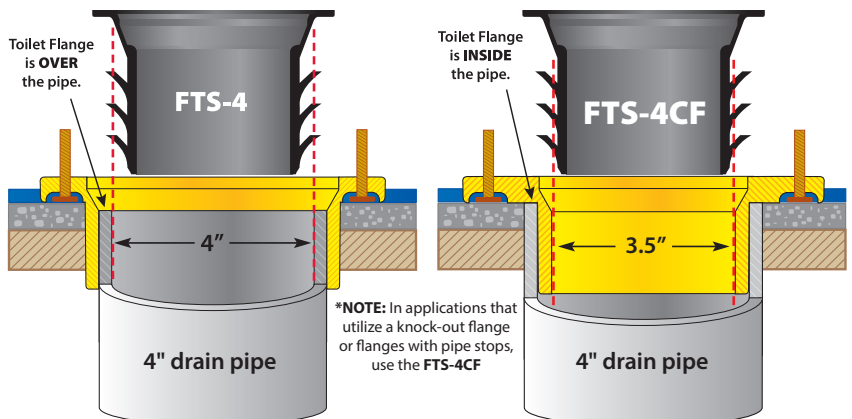


| Part Number | Description |
|-------------|--|
| FTS-3 | Wax Free Toilet Seal for 3" Drain Pipe |
| FTS-4 | Wax Free Toilet Seal for 4" Drain Pipe |
| FTS-4CF | Wax Free Toilet Seal for 3.5" Flange and 4" Drain Pipe |

The FTS-3 Wax Free Toilet Seal



The FTS-4 Wax Free Toilet Seal



Internal Seals

Wax Free Urinal Seal

Fast, reliable & leak-free



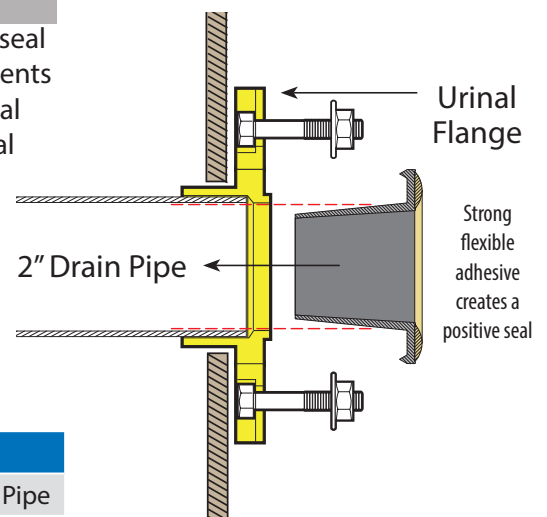
Technical Data

- Strong and flexible to sustain a positive seal
- Ideal for new installations and replacements
- Maintains a gas, water and odor tight seal
- Fast, easy installation for a long-term seal
- Impervious to mold and mildew
- Reusable on the same urinal
- Will flex with minor movement

CONFORMS TO
ASTM A 1045



| Part Number | Description |
|-------------|--|
| FUS-2 | Wax Free Urinal Seal for 2" Drain Pipe |





Ultimate Drainage Solution

StormDrain Plus ensures a long-lasting, permanent solution to the collection and dispersal of standing surface water.

Technical Data

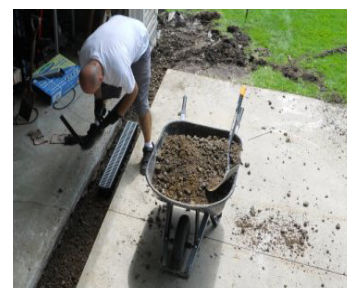
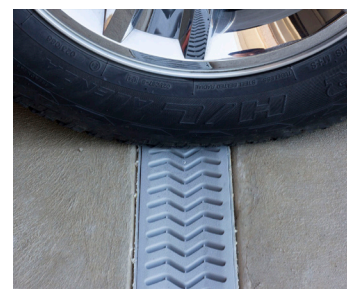
- Designed to withstand automotive weight for Class B (loads of 61-175 psi), medium-duty pneumatic tire traffic, autos and light trucks at speeds less than 20 mph.
- All products are "UV" inhibited
- Grates are ADA and heel guard compliant
- Grates have a non-slip textured surface
- Clips or screws are not required to assemble
- Concave grates trap and transfer water



Water Management

| Part Number | Description |
|-------------|---|
| FSDP-CHGG | 39.5" grey Channel with grate |
| FSDP-GP3G | Three pieces of grey Channel with grate, one End Cap and one End Outlet |
| FSDP-QUAD | Four-way connector |
| FSDP-EC | End Cap |
| FSDP-EO | End Outlet |

| Replacement Part Number | Description |
|-------------------------|-------------------|
| FSDP-CH | Grey Channel ONLY |
| FSDP-GG | Grey grate ONLY |



STRONG & EASY

Ideal for driveways, patios, swimming pools, sports courts, gardens and more!

Sump Pump Check Valve

Reduces sump pump wear and tear

Sump Pump Check Valves allow unrestricted water to flow through the pipes.



Technical Data

- Full-flow, flapper design
- Eliminates back-flow and wear on pipe
- Durable thermoplastic body

| Part Number | Description |
|-------------|--|
| CV-125T | 1-1/4" male pipe thread x 1-1/2" or 1-1/4" |
| CV-150T | 1-1/2" male pipe thread x 1-1/2" or 1-1/4" |
| CV-150 | 1-1/4" or 1-1/2" x 1-1/4" or 1-1/2" |
| CV-200 | 2" x 2" |

Water Well Debris Taps

Prevents loose debris from plugging pump suction area

Technical Data

- Eliminates debris in the water well pump suction area
- Will not crack or become brittle
- Made of flexible PVC
- Conforms to drilled well irregularities



| Part Number | Description |
|-------------|----------------------|
| WC 500-238 | 2" casing x 5" well |
| WC 600-350 | 3" casing x 6" well |
| WC 600-450 | 4" casing x 6" well |
| WC 700-450 | 4" casing x 7" well |
| WC 700-562 | 5" casing x 7" well |
| WC 800-550 | 5" casing x 8" well |
| WC 900-550 | 5" casing x 9" well |
| WC 800-662 | 6" casing x 8" well |
| WC 1000-662 | 6" casing x 10" well |

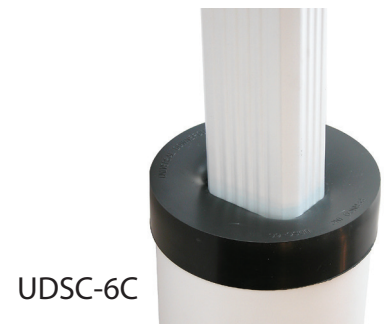
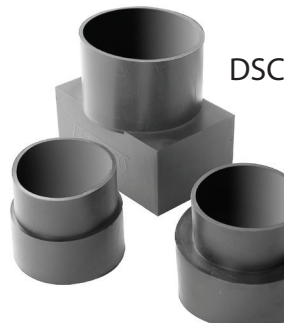
Downspout Connectors

Seal out debris by connecting downspouts

Downspout Connectors stretch easily over most common downspouts to seal out debris. Ideal for aluminum, steel or plastic downspouts and cast iron, spiral, corrugated or plastic drain pipe.

| Part Number | Description |
|-------------|---|
| UDSC-6C | 6" Cap for DWV pipe exposed above ground, fitting the O.D. of PVC and CI and a 6" or less downspout |
| UDSC-6P | 6" Plug for DWV pipe cut off at grade level, fitting any 6" I.D. sewer pipe and a 5.75" or less downspout |

| Part Number | Drain Pipe | Downspout |
|-------------|------------|----------------------------------|
| DSC-43 | 4" | 3" x 2" rectangular, 3" round or |
| DSC-33 | 3" | 2-1/2" square |
| DSC-534 | 4" | 5" x 3" rectangular |





Pow-R Patch is a complete repair kit that includes a pre-coated fiberglass cloth in a self-contained mixing pouch and a pair of protective gloves.

Technical Data

- Holds up to 100 PSI
- Heat resistant to 425°F

Part Number Description

| | |
|--------|------------------------------------|
| FP-P46 | 4" x 6" fiberglass and epoxy patch |
|--------|------------------------------------|

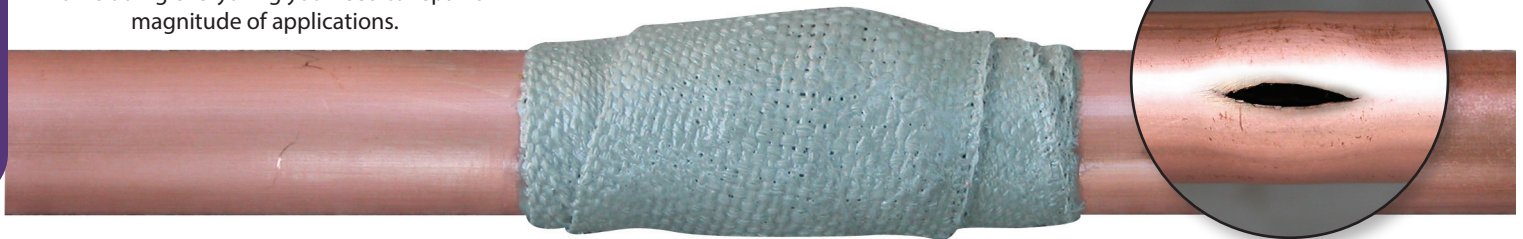


Pow-R Wrap is a water activated fiberglass wrap that permanently repairs wet or dry pipe and hose. Pow-R Wrap is a self-contained kit including everything you need to repair a magnitude of applications.

Technical Data

- Water activated
- Fiberglass wrap
- Heat resistant to 425°F
- Conforms to standard water main pressure test
- Cures in 30-60 mins.

| Part Number | Description | Pipe Diameter |
|-------------|----------------|---------------|
| FPW248CS | 2" x 48" wrap | Up to 1" |
| FPW3132CS | 3" x 132" wrap | 1-1/4" to 3" |
| FPW4252CS | 4" x 252" | 3" to 6" |



Sealants



Pow-R Wrap Industrial with Pow-R Belt is a permanent solution for large diameter pipes from 8"-50". Eliminate pipe replacement with hands-free cure time and a smooth, professional finish.

Technical Data

- Heat resistant to 425°F
- Conforms to standard water main pressure test
- Cures in 60-90 mins. at 55°-75°F
- Safe for drinking water systems
- Repairs up to 1/4" W x 4" L
- Impervious to water, oil, and most chemicals, solvents and acids when cured



| FPW8540S-1 | 1 KIT 8" X 540" Pow-R Wrap | | | | |
|-------------------------|----------------------------|---------|---------|---------|---------|
| Pipe Outside Diameter | 8"-18" | 20"-24" | 26"-34" | 36"-42" | 44"-50" |
| Number of Kits REQUIRED | 1 KITS | 2 KITS | 3 KITS | 4 KITS | 5 KITS |

Hose Bibs

Reusable cap with hose bib for pipe ends and testing DWV systems

Technical Data

- Permanent or temporary cap
- Convex shape allows the cap to withstand pressure and minimizes ballooning

| Part Number | Nominal Pipe Size |
|-------------|-------------------|
| HBC-1 | 1-1/2" |
| HBC-2 | 2" |
| HBC-3 | 3" |
| HBC-4 | 4" |
| HBC-5 | 5" |
| HBC-6 | 6" |



Flexible Qwik Traps

Replace plastic or metal drain traps

Qwik Traps replace 1-1/4" or 1-1/2" plastic or metal drain traps. The PVC material adjusts to the pipes misalignment and installs securely, creating a leak-free connection. To clean, simply squeeze the product!



1-1/4" or cut for 1-1/2" sink drain

| Part Number | Description |
|-------------|-----------------------------|
| FT-150 | 1-1/4" or 1-1/2" drain trap |

Flexible Connectors

Drain & Trap Connectors

Connect tubular traps to common household drain pipe

Drain & Trap Connectors are ideal for new installations, repairs and alterations. Eliminating traditional methods, this product has a quick installation that will leave drain & trap systems leak-free.



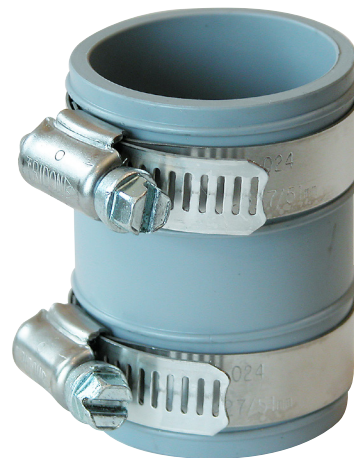
| Part Number | Description |
|-------------|--|
| DTC-150 | 1-1/2" pipe x 1-1/2" or 1-1/4" tubular traps (use for 2" copper) |
| DTC-215 | 2" pipe x 1-1/2" or 1-1/4" tubular traps |



Tubular Drain Pipe Connectors

Repair or alter tubular drain pipe

Fernco Tubular Drain Pipe Connectors offer a quick solution to extend, alter or repair any combination of 1-1/2" or 1-1/4" brass or plastic drain pipe. Whether connecting brass or plastic, the PVC material is formulated to provide a reliable connection that can be installed in minutes.



| Part Number | Description |
|-------------|-------------------------------------|
| TC-150 | 1-1/4" or 1-1/2" tubular drain pipe |

Dishwasher Drain Connector

Connect dishwasher hoses to sink drain or garbage disposals

Fernco Dishwasher Drain Connector connects a dishwasher hose to sink drains and garbage disposers. The strong, elastomeric PVC material is engineered to move with the connection for a leak free solution that will last for years.

| Part Number | Description |
|-------------|--|
| DWC-100 | 1/2" x 3/4" dishwasher drain connector |



Shower Drain Connector

Connect drain pipe to shower drain pipes

Fernco Shower Drain Connectors connect 2" DWV plastic, sch. 40 steel, or XHCI pipe to shower drain bodies.

| Part Number | Shower Drain Body |
|-------------|--|
| SD-200 | American Brass & Aluminum, Armstrong (requires cutting to 3/4" height), Casper Model 101-101P, Casper Model 101 BR, Garvin Model 475, Intercon, Kohler, Schual Mfg. Brass Model 1524 |
| SD-210 | Mustee 1-piece molded shower base, Owens Corning 1-piece molded shower base |



Fix-A-Flange

Repair broken toilet flanges

Fix-A-Flange eliminates the need to replace broken toilet flanges. Suitable for cast iron, plastic, copper and brass flanges, Fix-A-Flange offers a long-term solution to stop wobbly and leaky toilets.



| Part Number | Description |
|-------------|-----------------------------------|
| SF-100 | Fix-A-Flange toilet flange repair |

Utility Connectors

Connect small drain lines to DWV plastic sockets

Fernco Utility Connectors are a one-piece connector with a simple press-fit installation.

| Part Number | Description |
|-------------|--|
| UC-1550 | 1/2" CPVC or copper to 1-1/2" DWV plastic socket |
| UC-1575 | 3/4" CPVC or copper to 1-1/2" DWV plastic socket |
| UC-1510 | 1" CPVC or copper to 1-1/2" DWV plastic socket |



Note: The Utility Connector is engineered to function in limited low-pressure applications (5 PSI or 12 ft. head.)
DO NOT USE in pressure water systems.

Flexible Connectors

Hose Grip Washer Connector

Prevent accidental washer hose spills

The Fernco Hose Grip Washer Connector holds washing machine hoses securely in their standpipe drains.

| Part Number | Description |
|-------------|---|
| HG-1 | Fits 2" or 1-1/2" standpipe to 1" - 1-7/16" washer hose |



| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|---|---|--|
| 4 x 4 | 1001-44 5.55 - 4.85 x 5.55 - 4.85 | 1001-44RC 5.55 - 4.85 x 5.55 - 4.85 | 5001-44RC 5.30 - 5.06 x 5.30 - 5.06 | |
| 4 x 4 WC | 1001-44WC 5.85 - 5.15 x 5.85 - 5.15 | 1001-44WCRC 5.85 - 5.15 x 5.85 - 5.15 | 5001-44WCRC 5.60 - 5.36 x 5.60 - 5.36 | |
| 5 x 4 | use 1002-55 | | | |
| 5 x 5 | 1001-55 6.35 - 5.65 x 6.35 - 5.65 | 1001-55RC 6.35 - 5.65 x 6.35 - 5.65 | | |
| 6 x 4 | 1001-64* 7.60 - 7.00 x 5.80 - 5.10 | 1001-64RC* 7.75 - 7.00 x 5.75 - 5.00 | 5001-64RC 7.50 - 7.03 x 5.50 - 5.03 | 1001-64EB* 7.75 - 7.00 x 5.25 - 4.90 |
| 6 x 4 WC | 1001-64WC* 8.25 - 7.50 x 5.65 - 5.05 | | | |
| 6 x 5 | use 1002-66 | | | |
| 6 x 6 | 1001-66 7.75 - 7.00 x 7.75 - 7.05 | 1001-66RC 7.75 - 7.00 x 7.75 - 7.05 | 5001-66RC 7.50 - 7.03 x 7.50 - 7.03 | |
| 6 x 6 WC | 1001-66WC 8.25 - 7.50 x 8.25 - 7.50 | 1001-66WCRC 8.25 - 7.50 x 8.25 - 7.50 | 5001-66WCRC 8.00 - 7.53 x 8.00 - 7.53 | |
| 8 x 4 | 1001-84* 10.05 - 9.30 x 5.30 - 4.90 | | | |
| 8 x 6 | 1001-86* 10.05 - 9.30 x 7.30 - 6.75 | 1001-86RC* 9.85 - 9.20 x 7.40 - 6.90 | | 1001-86EB* 9.85 - 9.20 x 7.40 - 6.90 |
| 8 x 6 WC | 1001-86WC 10.20 - 9.55 x 7.85 - 7.20 | 1001-86WCRC* 10.20 - 9.55 x 7.85 - 7.20 | | |
| 8 x 8 | 1001-88 9.85 - 9.20 x 9.85 - 9.10 | 1001-88RC 9.85 - 9.20 x 9.85 - 9.10 | 5001-88RC 9.65 - 9.18 x 9.65 - 9.18 | |
| 8 x 8 WC | 1001-88WC 10.20 - 9.55 x 10.20 - 9.55 | 1001-88WCRC 10.20 - 9.55 x 10.20 - 9.55 | 5001-88WCRC 10.00 - 9.53 x 10.00 - 9.53 | |
| 10 x 8 | 1001-10-8* 12.70 - 12.00 x 9.75 - 9.25 | 1001-10-8RC* 12.70 - 12.00 x 9.80 - 9.25 | | 1001-10-8EB* 12.70 - 12.00 x 9.80 - 9.25 |
| 10 x 10 | 1001-1010 12.70 - 12.00 x 12.70 - 12.00 | 1001-1010RC 12.70 - 12.00 x 12.70 - 12.00 | 5001-1010RC 12.50 - 12.03 x 12.50 - 12.03 | |
| 10 x 10 WC | use 1001-1010 | 1001-1010WCRC 12.70 - 12.00 x 12.70 - 12.00 | 5001-1010WCRC 12.50 - 12.03 x 12.50 - 12.03 | |
| 12 x 10 | use 1002-1212 | | | |
| 12 x 12 | 1001-1212 14.70 - 13.75 x 14.70 - 13.75 | 1001-1212RC 14.70 - 13.75 x 14.70 - 13.75 | 5001-1212RC 14.50 - 14.03 x 14.50 - 14.03 | |
| 12 x 12 WC | use 1004-1212 | 1001-1212WCRC 15.45 - 14.50 x 15.45 - 14.50 | 5001-1212WCRC 15.25 - 14.78 x 15.25 - 14.78 | |
| 15 x 10 | 1001-1510* 18.65 - 17.00 x 12.65 - 12.20 | 1001-1510RC* 18.65 - 17.15 x 12.65 - 12.20 | | |
| 15 x 12 | 1001-1512* 18.30 - 17.00 x 14.50 - 13.60 | 1001-1512RC* 18.65 - 17.00 x 14.45 - 13.90 | | 1001-1512EB* 18.65 - 17.00 x 14.45 - 13.90 |
| 15 x 15 | 1001-1515 18.65 - 17.15 x 18.65 - 17.15 | 1001-1515RC 18.65 - 17.15 x 18.65 - 17.15 | 5001-1515RC 18.15 - 17.68 x 18.15 - 17.68 | |
| 18 x 18 | 1001-1818 22.50 - 20.85 x 22.50 - 20.85 | 1001-1818RC 22.50 - 20.85 x 22.50 - 20.85 | 5001-1818RC 22.00 - 21.53 x 22.00 - 21.53 | |
| 21 x 21 | 1001-2121 25.25 - 23.00 x 25.25 - 23.00 | 1001-2121RC 25.25 - 23.00 x 25.25 - 23.00 | | |
| 24 x 24 | 1001-2424 29.75 - 27.50 x 29.75 - 27.50 | 1001-2424RC 29.75 - 27.50 x 29.75 - 27.50 | | |
| 27 x 27 | 1001-2727 33.15 - 30.90 x 33.15 - 30.90 | 1001-2727RC 33.15 - 30.90 x 33.15 - 30.90 | | |

Resources

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|--|--|
| 4 x 3 | 1002-43 5.40 - 4.75 x 3.50 - 3.20 | 1002-43RC* 5.55 - 4.85 x 3.55 - 3.30 | 5002-43RC* 5.55 - 4.85 x 3.55 - 3.30 | 1002-43EB* 5.55 - 4.85 x 3.55 - 3.30 |
| 4 x 4 | 1002-44 5.40 - 4.75 x 4.65 - 4.00 | 1002-44RC 5.55 - 5.00 x 4.60 - 4.00 | 5002-44RC 5.40 - 5.16 x 4.50 - 4.26 | 1002-44EB 5.40 - 4.75 x 4.55 - 3.95 |
| 4 x 4 WC | 1002-44WC 5.60 - 5.00 x 4.60 - 4.10 | 1002-44WCRC 5.60 - 5.00 x 4.60 - 4.10 | 5002-44WCRC* 5.40 - 5.16 x 4.55 - 4.31 | |
| 4 x 4 SDR | | | 5002-44SDRRC* 5.40 - 5.16 x 4.30 - 4.06 | |
| 4 x 6 | 1002-46 5.50 - 5.00 x 6.60 - 6.00 | 1002-46RC* 5.25 - 4.90 x 6.80 - 6.30 | 5002-46RC* 5.15 - 4.68 x 6.65 - 6.18 | 1002-46EB* 5.25 - 4.90 x 6.80 - 6.30 |
| 5 x 4 | 1002-54* 6.30 - 5.60 x 4.55 - 3.95 | 1002-54RC* 6.80 - 6.30 x 4.60 - 4.15 | | 1002-54EB* 6.80 - 6.30 x 4.60 - 4.15 |
| 5 x 5 | 1002-55 6.30 - 5.60 x 5.70 - 5.30 | 1002-55RC* 6.80 - 6.30 x 5.65 - 5.20 | 5002-55RC 6.65 - 6.41 x 5.50 - 5.26 | 1002-55EB* 6.80 - 6.30 x 5.65 - 5.20 |
| 6 x 4 | 1002-64 7.50 - 6.90 x 4.50 - 3.85 | 1002-64RC* 7.75 - 7.00 x 4.70 - 4.15 | 5002-64RC* 7.50 - 7.03 x 4.50 - 4.03 | 1002-64EC 7.85 - 6.90 x 4.69 - 3.95 |
| 6 x 4 SDR | | 1002-64SDRRC* 7.75 - 7.00 x 4.70 - 4.05 | 5002-64SDRRC* 7.50 - 7.03 x 4.25 - 3.78 | |
| 6 x 4 WC | 1002-64WC* 8.15 - 7.60 x 4.60 - 4.15 | 1002-64WCRC* 8.25 - 7.50 x 4.55 - 4.20 | 5002-64WCRC* 8.00 - 7.53 x 4.50 - 4.03 | 1002-64WCEB* 8.25 - 7.50 x 4.55 - 4.20 |
| 6 x 5 | 1002-65 7.60 - 7.00 x 5.80 - 5.10 | 1002-65RC* 7.75 - 7.00 x 5.70 - 5.30 | | 1002-65EB* 7.75 - 7.00 x 5.70 - 5.30 |
| 6 x 6 | 1002-66 7.75 - 7.05 x 6.80 - 6.25 | 1002-66RC 7.75 - 8.05 x 6.80 - 7.25 | 5002-66RC 7.50 - 7.03 x 6.65 - 6.18 | 1002-66EB* 7.75 - 7.00 x 6.75 - 6.50 |
| 6 x 6 SDR | | 1002-66SDRRC* 7.75 - 7.00 x 6.50 - 6.00 | 5002-66SDRRC* 7.50 - 7.03 x 6.40 - 5.93 | |
| 6 x 6 WC | 1002-66WC 8.15 - 7.45 x 6.80 - 6.10 | 1002-66WCRC 8.15 - 8.45 x 6.80 - 7.10 | 5002-66WCRC 8.00 - 7.53 x 6.65 - 6.18 | |
| 8 x 4 | 1002-84* 9.50 - 8.80 x 4.60 - 4.20 | 1002-84RC* 9.80 - 9.25 x 4.60 - 4.35 | | 1002-84EB* 9.80 - 9.25 x 4.60 - 4.15 |
| 8 x 6 | 1002-86 9.50 - 8.80 x 6.35 - 5.70 | 1002-86RC* 9.75 - 9.25 x 6.75 - 6.50 | 5002-86RC* 9.65 - 9.18 x 6.65 - 6.18 | 1002-86EB* 9.80 - 9.25 x 6.75 - 6.50 |
| 8 x 6 WC | 1002-86WC* 10.15 - 9.35 x 6.70 - 6.20 | 1002-86WCRC* 10.20 - 9.55 x 6.40 - 6.20 | | |
| 8 x 8 | 1002-88 9.90 - 9.10 x 8.75 - 7.87 | 1002-88RC 10.00 - 8.95 x 8.66 - 7.94 | 5002-88RC 9.75 - 9.28 x 8.60 - 8.13 | 1002-88EB* 9.75 - 9.25 x 8.85 - 8.30 |
| 8 x 8 SDR | | | 5002-88SDRRC* 9.65 - 9.18 x 8.65 - 8.18 | |
| 8 x 8 WC | 1002-88WC 10.15 - 9.35 x 8.90 - 8.00 | 1002-88WCRC 9.90 - 9.30 x 8.40 - 8.15 | 5002-88WCRC 10.00 - 9.53 x 8.65 - 8.18 | |
| 10 x 8 | 1002-10-8* 12.70 - 12.00 x 8.85 - 8.30 | 1002-10-8RC* 12.70 - 12.00 x 8.85 - 8.30 | | 1002-10-8EB* 12.70 - 12.00 x 8.85 - 8.30 |
| 10 x 10 | 1002-1010 12.70 - 12.00 x 10.75 - 9.75 | 1002-1010RC* 12.70 - 12.00 x 10.90 - 10.25 | 5002-1010RC* 12.50 - 12.03 x 10.75 - 10.28 | 1002-1010EB* 12.70 - 12.00 x 10.75 - 10.25 |
| 10 x 10 WC | use 1006-1010 | 1002-1010WCRC* 12.70 - 12.00 x 11.00 - 10.25 | 5002-1010WCRC* 12.50 - 12.03 x 10.75 - 10.28 | |
| 12 x 10 | 1002-1210* 14.70 - 13.75 x 11.00 - 10.30 | 1002-1210RC* 14.70 - 13.75 x 10.75 - 10.15 | | 1002-1210EB* 14.70 - 13.75 x 10.75 - 10.15 |
| 12 x 12 | 1002-1212 14.70 - 13.75 x 12.75 - 11.75 | 1002-1212RC 14.70 - 13.75 x 12.75 - 11.95 | 5002-1212RC 14.50 - 14.03 x 12.60 - 12.13 | 1002-1212EB* 14.70 - 13.75 x 12.75 - 11.95 |
| 12 x 12 WC | use 1006-1212 | 1002-1212WCRC* 15.45 - 14.50 x 12.70 - 11.52 | 5002-1212WCRC* 15.25 - 14.78 x 12.35 - 11.88 | |
| 15 x 10 | 1002-1510* 18.30 - 17.00 x 10.75 - 10.10 | 1002-1510RC* 18.65 - 17.00 x 10.75 - 10.10 | | |
| 15 x 12 | 1002-1512* 18.30 - 17.00 x 12.70 - 12.10 | 1002-1512RC* 18.65 - 17.00 x 12.70 - 12.10 | | 1002-1512EB* 18.65 - 17.00 x 12.70 - 12.10 |
| 15 x 15 | 1002-1515 18.30 - 17.00 x 15.60 - 14.30 | 1002-1515RC* 18.65 - 17.00 x 15.55 - 15.00 | 5002-1515RC* 18.15 - 17.68 x 15.40 - 14.93 | 1002-1515EB* 18.65 - 17.00 x 15.55 - 15.00 |

| | | | | |
|----------------|--|--|--|--|
| 18 x 18 | 1002-1818 22.20 - 21.50 x 19.00 - 18.30 | 1002-1818RC* 22.50 - 20.85 x 18.90 - 18.35 | 5002-1818RC* 22.00 - 21.53 x 18.80 - 18.33 | |
| 21 x 21 | 1002-2121* 24.80 - 23.30 x 22.40 - 21.80 | 1002-2121RC* 24.80 - 23.30 x 22.40 - 21.80 | | |
| 24 x 24 | 1002-2424* 29.75 - 27.50 x 25.10 - 24.50 | 1002-2424RC* 29.75 - 27.50 x 25.10 - 24.50 | | |
| 27 x 27 | 1002-2727* 32.90 - 31.40 x 28.35 - 27.75 | 1002-2727RC* 32.90 - 31.40 x 28.35 - 27.75 | 5002-2727RC* 32.40 - 31.93 x 28.25 - 27.78 | |

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|--|--|
| 4 x 4 | 1003-44 5.45 - 4.90 x 4.90 - 4.40 | 1003-44RC 5.50 - 4.90 x 5.00 - 4.50 | 5003-44RC 5.30 - 5.06 x 4.85 - 4.61 | |
| 4 x 4 WC | 1003-44WC* 5.85 - 5.15 x 5.15 - 4.50 | 1003-44WCRC* 5.85 - 5.15 x 5.15 - 4.50 | 5003-44WCRC* 5.60 - 5.36 x 4.95 - 4.71 | |
| 4 x 6 | use 1051-65 | 1003-46RC* 5.25 - 4.95 x 7.10 - 6.35 | | |
| 5 x 4 | 1003-54* 6.20 - 5.80 x 5.15 - 4.80 | 1003-54RC* 6.80 - 6.30 x 4.90 - 4.30 | | |
| 5 x 5 | 1003-55 6.20 - 5.40 x 6.05 - 5.35 | | | |
| 6 x 4 | 1003-64 7.60 - 7.00 x 5.80 - 5.10 | 1003-64RC* 7.75 - 7.00 x 5.20 - 4.70 | | 1003-64EB* 7.75 - 7.00 x 5.20 - 4.70 |
| 6 x 4 WC | 1003-64WC* 8.25 - 7.50 x 5.10 - 4.65 | | | |
| 6 x 5 | 1003-65* 7.75 - 7.05 x 7.20 - 6.55 | | | |
| 6 x 6 | 1003-66 7.45 - 6.75 x 7.05 - 6.45 | 1003-66RC 7.50 - 6.85 x 6.05 - 6.60 | 5003-66RC 7.35 - 6.88 x 6.95 - 6.48 | |
| 6 x 6 WC | 1003-66WC* 8.25 - 7.50 x 7.20 - 6.55 | 1003-66WCRC 8.25 - 7.50 x 7.20 - 6.55 | 5003-66WCRC 8.00 - 7.53 x 6.90 - 6.43 | |
| 8 x 4 | 1003-84* 9.90 - 9.10 x 5.05 - 4.60 | | | |
| 8 x 6 | 1003-86* 9.90 - 9.10 x 7.40 - 6.70 | 1003-86RC* 9.85 - 9.20 x 7.40 - 6.70 | | |
| 8 x 6 WC | 1003-86WC* 10.15 - 9.35 x 7.50 - 6.70 | 1003-86WCRC* 10.20 - 9.55 x 7.25 - 6.85 | | |
| 8 x 8 | 1003-88 9.75 - 9.10 x 9.25 - 8.60 | 1003-88RC 9.80 - 9.05 x 9.20 - 8.50 | 5003-88RC 9.60 - 9.13 x 9.05 - 8.58 | |
| 8 x 8 WC | 1003-88WC* 10.20 - 9.55 x 9.15 - 8.35 | 1003-88WCRC* 10.20 - 9.55 x 9.15 - 8.35 | | |
| 10 x 8 | 1003-10-8* 12.70 - 12.00 x 9.15 - 8.60 | 1003-10-8RC* 12.70 - 12.00 x 9.20 - 8.85 | | 1003-10-8EB* 12.70 - 12.00 x 9.20 - 8.85 |
| 10 x 10 | 1003-1010* 12.70 - 12.00 x 11.30 - 10.45 | 1003-1010RC* 12.70 - 12.00 x 11.30 - 10.45 | 5003-1010RC* 12.50 - 12.03 x 11.10 - 10.63 | |
| 10 x 10 WC | 1003-1010WC* 12.70 - 12.00 x 11.30 - 10.45 | 1003-1010WCRC* 12.70 - 12.00 x 11.30 - 10.45 | 5003-1010WCRC* 12.50 - 12.03 x 11.10 - 10.63 | |
| 12 x 10 | 1003-1210* 14.70 - 13.75 x 11.30 - 10.45 | 1003-1210RC* 14.70 - 13.75 x 11.30 - 10.45 | | |
| 12 x 12 | 1003-1212 15.00 - 14.00 x 13.50 - 12.60 | 1003-1212RC* 14.70 - 13.75 x 13.40 - 12.50 | 5003-1212RC* 14.50 - 14.03 x 13.20 - 12.73 | |

Resources

CLAY TO ASBESTOS CEMENT OR DUCTILE IRON

Red high torque clamps included

* Insert bushing included

| | | | |
|-------------------|--|--|--|
| 12 x 12 WC | 1003-1212WC* 15.45 - 14.50 x 13.50 - 12.50 | 1003-1212WCRC* 15.45 - 14.50 x 13.50 - 12.50 | |
| 15 x 10 | 1003-1510* 18.30 - 17.00 x 11.25 - 10.60 | 1003-1510RC* 18.65 - 17.00 x 11.30 - 10.85 | 1003-1510EB* 18.65 - 17.00 x 11.30 - 10.85 |
| 15 x 12 | 1003-1512* 18.30 - 17.00 x 13.50 - 12.50 | 1003-1512RC* 18.65 - 17.00 x 13.40 - 13.00 | 1003-1512EB* 18.65 - 17.00 x 13.40 - 13.00 |
| 15 x 15 | 1003-1515* 18.65 - 17.00 x 16.75 - 16.10 | 1003-1515RC* 18.65 - 17.00 x 16.75 - 16.10 | |
| 15 x 16 | 1003-1516 18.65 - 17.15 x 18.65 - 17.15 | 1003-1516RC 18.65 - 17.15 x 18.65 - 17.15 | 5003-1516RC 17.50 - 17.03 x 17.50 - 17.03 |
| 18 x 18 | 1003-1818* 22.50 - 20.85 x 20.00 - 18.50 | 1003-1818RC* 22.50 - 20.85 x 20.00 - 18.50 | |
| 24 x 24 | 1003-2424* 29.75 - 27.50 x 26.30 - 24.80 | 1003-2424RC* 29.75 - 27.50 x 26.30 - 24.80 | |

CONCRETE TO CONCRETE

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|---|---|---|--|
| 4 x 4 | 1004-44 5.85 - 5.15 x 5.85 - 5.15 | 1004-44RC 5.85 - 5.15 x 5.85 - 5.15 | 5004-44RC 5.60 - 5.36 x 5.60 - 5.36 | |
| 6 x 4 | 1004-64* 8.00 - 7.30 x 5.80 - 5.10 | | | |
| 6 x 6 | 1004-66 7.90 - 7.30 x 7.90 - 7.30 | 1004-66RC 7.90 - 7.30 x 7.90 - 7.30 | 5004-66RC 7.65 - 7.18 x 7.65 - 7.18 | |
| 8 x 6 | 1004-86* 10.50 - 9.75 x 7.90 - 7.20 | | | |
| 8 x 8 | 1004-88 10.65 - 9.90 x 10.65 - 9.90 | 1004-88RC 10.65 - 9.90 x 10.65 - 9.90 | 5004-88RC 10.40 - 9.93 x 10.40 - 9.93 | |
| 10 x 8 | use 1056-1210 | | | |
| 10 x 10 | use 1001-1010 | | | |
| 10 x 10 | 1004-1010LC 14.50 - 13.00 x 14.50 - 13.00 | 1004-1010RC 12.70 - 12.00 x 12.70 - 12.00 | 5004-1010RC 12.50 - 12.03 x 12.50 - 12.03 | |
| 10 x 10 | 1004-1010LCRC 14.50 - 13.00 x 14.50 - 13.00 | | | |
| 12 x 10 | 1004-1210* 15.45 - 14.50 x 12.65 - 11.70 | | | 1004-1210EB* 15.45 - 14.50 x 12.65 - 11.70 |
| 12 x 12 | 1004-1212 15.45 - 14.50 x 15.45 - 14.50 | 1004-1212RC 15.45 - 14.50 x 15.45 - 14.50 | 5004-1212RC 15.25 - 14.78 x 15.25 - 14.78 | |
| 12 x 12 LC | 1004-1212LC 16.00 - 15.10 x 16.00 - 15.10 | 1004-1212LCRC 16.00 - 15.10 x 16.00 - 15.10 | 5004-1212LCRC 15.80 - 15.33 x 15.80 - 15.33 | |
| 15 x 15 | 1004-1515 20.20 - 18.90 x 20.20 - 18.90 | 1004-1515RC 20.20 - 18.90 x 20.20 - 18.90 | | |
| 18 x 18 | 1004-1818 22.50 - 21.00 x 22.50 - 21.00 | 1004-1818RC 22.50 - 21.00 x 22.50 - 21.00 | | |
| 21 x 21 | 1004-2121 26.60 - 25.10 x 26.60 - 25.10 | 1004-2121RC 26.60 - 25.10 x 26.60 - 25.10 | | |
| 24 x 24 | 1004-2424 30.50 - 29.00 x 30.50 - 29.00 | 1004-2424RC 30.50 - 29.00 x 30.50 - 29.00 | | |
| 27 x 27 | 1004-2727 33.90 - 32.00 x 33.90 - 32.00 | 1004-2727RC 33.90 - 32.00 x 33.90 - 32.00 | | |

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|--------------------------------|--|
| 4 x 4 | 1005-44* 5.85 - 5.15 x 5.15 - 4.50 | 1005-44RC* 5.85 - 5.15 x 5.15 - 4.50 | | |
| 6 x 4 | 1005-64* 7.90 - 7.30 x 5.10 - 4.65 | | | 1005-64EB* 7.90 - 7.30 x 5.10 - 4.65 |
| 6 x 6 | 1005-66* 7.90 - 7.30 x 7.35 - 6.75 | | | |
| 8 x 6 | 1005-86* 10.65 - 9.90 x 7.25 - 6.85 | | | |
| 8 x 8 | 1005-88* 10.65 - 9.90 x 9.80 - 9.15 | 1005-88RC* 10.65 - 9.90 x 9.80 - 9.15 | | |
| 10 x 10 | use 1001-1010 | | | |
| 12 x 10 | 1005-1210* 15.45 - 14.50 x 12.65 - 11.70 | | | 1005-1210EB* 15.45 - 14.50 x 12.65 - 11.70 |
| 12 x 12 | 1005-1212* 15.45 - 14.50 x 14.50 - 13.60 | | | |
| 15 x 15 | 1005-1515* 20.20 - 18.90 x 17.55 - 17.30 | 1005-1515RC* 20.20 - 18.90 x 17.55 - 17.30 | | |

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|---|---|--|
| 4 x 4 | 1006-44 5.75 - 5.25 x 4.50 - 4.00 | 1006-44RC 5.80 - 5.25 x 4.60 - 4.30 | 5006-44RC 5.90 - 5.66 x 4.50 - 4.26 | 1006-44EB* 5.85 - 5.40 x 4.60 - 4.05 |
| 4 x 4 SDR | | | 5006-44SDRRC* 5.90 - 5.66 x 4.35 - 4.11 | |
| 4 x 4 LC | 1006-44LC 6.10 - 5.60 x 4.70 - 4.20 | 1006-44LCRC 6.10 - 5.60 x 4.70 - 4.20 | 5006-44LCRC 5.90 - 5.43 x 4.50 - 4.03 | |
| 5 x 4 | use 1051-54 | | | |
| 6 x 4 | 1006-64 7.95 - 7.25 x 4.50 - 4.00 | 1006-64RC* 7.90 - 7.30 x 4.60 - 4.15 | 5006-64RC* 7.65 - 7.18 x 4.50 - 4.03 | 1006-64EB* 7.90 - 7.30 x 4.60 - 4.15 |
| 6 x 4 | | | 5006-64SDRRC* 7.50 - 7.03 x 4.35 - 3.88 | |
| 6 x 5 | 1006-65* 8.00 - 7.30 x 5.60 - 5.10 | | | 1006-65EB* 7.90 - 7.30 x 5.80 - 5.20 |
| 6 x 6 | 1006-66 8.00 - 7.30 x 6.70 - 6.00 | 1006-66RC 7.65 - 7.05 x 6.60 - 6.40 | 5006-66RC 7.55 - 7.08 x 6.50 - 6.03 | 1006-66EB* 7.90 - 7.30 x 6.75 - 6.50 |
| 6 x 6 LC | | 1006-66LCRC 7.90 - 7.30 x 6.55 - 6.30 | 5006-66LCRC 8.00 - 7.53 x 6.65 - 6.18 | |
| 8 x 4 | 1006-84* 10.50 - 9.75 x 4.60 - 4.15 | | | 1006-84EB* 10.65 - 9.90 x 4.55 - 4.40 |
| 8 x 6 | 1006-86* 10.50 - 9.75 x 6.75 - 6.50 | 1006-86RC* 10.65 - 9.90 x 6.75 - 6.50 | 5006-86RC* 10.40 - 9.93 x 6.25 - 5.78 | 1006-86EB* 10.65 - 9.90 x 6.75 - 6.50 |
| 8 x 8 | 1006-88 10.50 - 9.75 x 8.70 - 7.95 | 1006-88RC 10.75 - 9.90 x 8.75 - 8.50 | 5006-88RC 10.50 - 10.03 x 8.65 - 8.18 | 1006-88EB* 10.65 - 9.90 x 8.85 - 8.30 |
| 8 x 8 LC | 1006-88LC* 12.75 - 11.85 x 8.85 - 8.30 | | | |
| 10 x 8 | 1006-10-8* 12.75 - 11.85 x 8.85 - 8.30 | | | 1006-10-8EB* 12.70 - 12.00 x 8.85 - 8.30 |

| | | | | |
|-------------------|--|--|--|--|
| 10 x 10 | 1006-1010 12.85 - 12.00 x 10.75 - 9.85 | 1006-1010RC* 12.70 - 12.00 x 11.00 - 10.25 | 5006-1010RC* 12.50 - 12.03 x 10.75 - 10.28 | |
| 10 x 10 LC | 1006-1010LC* 14.50 - 13.53 x 10.75 - 10.13 | 1006-1010LCRC* 14.50 - 13.53 x 10.75 - 10.13 | 5006-1010LCRC* 14.00 - 13.53 x 10.60 - 10.13 | |
| 12 x 10 | 1006-1210* 16.50 - 15.50 x 11.00 - 10.25 | 1006-1210RC* 15.45 - 14.50 x 10.75 - 10.30 | 5006-1210RC* 15.25 - 14.78 x 10.60 - 10.13 | 1006-1210EB* 15.45 - 14.50 x 10.75 - 10.10 |
| 12 x 10 | 1006-1210LC* 16.00 - 15.10 x 10.75 - 10.30 | | | |
| 12 x 12 | 1006-1212 16.50 - 15.50 x 12.60 - 11.75 | 1006-1212RC* 15.45 - 14.50 x 12.65 - 11.70 | 5006-1212RC* 15.25 - 14.78 x 12.35 - 11.88 | 1006-1212EB* 15.45 - 14.50 x 12.65 - 11.70 |
| 12 x 12 LC | 1006-1212LC* 16.00 - 15.10 x 12.65 - 12.25 | 1006-1212LCRC* 16.00 - 15.10 x 12.65 - 12.25 | 5006-1212LCRC* 15.80 - 15.33 x 12.45 - 11.98 | 1006-1212LCEB* 16.00 - 15.10 x 12.65 - 12.25 |
| 15 x 10 | 1006-1510* 20.25 - 18.75 x 10.75 - 10.10 | 1006-1510RC* 20.20 - 18.90 x 10.75 - 10.30 | | |
| 15 x 12 | 1006-1512* 20.25 - 18.75 x 12.65 - 11.70 | 1006-1512RC* 20.20 - 18.90 x 12.65 - 12.25 | | 1006-1512EB* 20.20 - 18.90 x 12.65 - 12.25 |
| 15 x 15 | 1006-1515 20.25 - 18.75 x 16.00 - 14.75 | 1006-1515RC 20.20 - 18.90 x 15.40 - 15.15 | 5006-1515RC* 19.70 - 19.23 x 15.25 - 14.78 | |
| 18 x 18 | 1006-1818* 22.50 - 21.00 x 20.00 - 18.50 | 1006-1818RC* 22.50 - 21.00 x 20.00 - 18.50 | 5006-1818RC* 22.00 - 21.53 x 19.50 - 19.03 | |
| 21 x 21 | 1006-2121* 26.60 - 25.10 x 22.50 - 21.80 | 1006-2121RC* 26.60 - 25.10 x 22.50 - 21.80 | | |
| 24 x 24 | 1006-2424* 30.50 - 29.00 x 25.50 - 24.00 | 1006-2424RC* 30.50 - 29.00 x 25.50 - 24.00 | | |
| 27 x 27 | 1006-2727* 33.90 - 32.00 x 28.25 - 27.50 | 1006-2727RC* 33.90 - 32.00 x 28.25 - 27.50 | | |

1051 & 5051 Series Couplings

AC, DI TO CI, PLASTIC, OR STEEL

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|---|--|
| 4 x 4 | 1051-44 5.00 - 4.35 x 4.60 - 4.00 | 1051-44RC 5.00 - 4.40 x 4.50 - 4.00 | 5051-44RC 4.85 - 4.61 x 4.40 - 4.16 | 1051-44EB* 4.90 - 4.50 x 4.50 - 4.00 |
| 4 x 5 | 1051-45* 5.15 - 4.50 x 5.70 - 5.20 | 1051-45RC* 5.15 - 4.50 x 5.70 - 5.20 | | |
| 4 x 6 | 1051-46* 4.90 - 4.30 x 6.80 - 6.30 | 1051-46RC* 4.90 - 4.30 x 6.80 - 6.30 | 5051-46RC* 6.65 - 6.18 x 4.75 - 4.28 | 1051-46EB* 5.05 - 4.75 x 6.80 - 6.30 |
| 5 x 4 | 1051-54 5.95 - 5.25 x 4.75 - 4.00 | | | 1051-54EB* 6.15 - 5.50 x 4.55 - 3.95 |
| 5 x 5 | 1051-55* 6.30 - 5.60 x 5.70 - 5.25 | 1051-55RC* 6.15 - 5.50 x 5.50 - 5.20 | | |
| 6 x 4 | 1051-64* 7.10 - 6.45 x 4.50 - 4.00 | 1051-64RC* 7.10 - 6.35 x 4.60 - 4.15 | 5051-64RC* 6.95 - 6.48 x 4.60 - 4.15 | 1051-64EB* 6.80 - 6.30 x 4.60 - 4.15 |
| 6 x 5 | 1051-65* 7.00 - 6.35 x 5.35 - 4.70 | 1051-65RC* 7.10 - 6.35 x 5.70 - 5.20 | | 1051-65EB* 6.80 - 6.30 x 5.70 - 5.20 |
| 6 x 6 | 1051-66 7.00 - 6.35 x 6.60 - 6.00 | 1051-66RC 7.20 - 6.50 x 6.90 - 6.20 | 5051-66RC 7.00 - 6.53 x 6.70 - 6.23 | |
| 8 x 4 | 1051-84* 9.25 - 8.60 x 4.60 - 4.15 | 1051-84RC* 9.25 - 8.55 x 4.70 - 4.40 | 5051-84RC* 9.05 - 8.58 x 4.55 - 4.08 | 1051-84EB* 9.25 - 8.80 x 4.60 - 4.15 |
| 8 x 6 | 1051-86* 9.25 - 8.60 x 6.75 - 6.50 | 1051-86RC* 9.25 - 8.55 x 6.75 - 6.50 | | 1051-86EB* 9.25 - 8.55 x 6.75 - 6.50 |
| 8 x 8 | 1051-88 9.25 - 8.60 x 8.70 - 8.00 | 1051-88RC 9.40 - 8.75 x 8.65 - 7.95 | 5051-88RC 9.25 - 8.78 x 8.45 - 7.98 | |
| 10 x 8 | 1051-10-8* 11.15 - 10.25 x 8.85 - 8.30 | 1051-10-8RC* 10.95 - 10.05 x 8.85 - 8.30 | | |
| 10 x 10 | 1051-1010 11.15 - 10.25 x 10.75 - 9.90 | 1051-1010RC 10.95 - 10.05 x 10.70 - 9.80 | 5051-1010RC 10.75 - 10.28 x 10.50 - 10.03 | |
| 12 x 10 | 1051-1210* 13.20 - 12.25 x 11.00 - 10.25 | 1051-1210RC* 13.30 - 12.55 x 10.85 - 10.15 | | 1051-1210EB* 13.30 - 12.55 x 10.85 - 10.15 |

| | | | | |
|----------------|--|--|--|--|
| 12 x 12 | 1051-1212 13.20 - 12.25 x 12.60 - 11.75 | 1051-1212RC* 13.30 - 12.55 x 12.70 - 11.60 | 5051-1212RC* 13.05 - 12.58 x 12.35 - 11.88 | |
| 12 x 15 | 1051-1215* 13.50 - 12.50 x 15.75 - 14.50 | 1051-1215RC* 13.50 - 12.50 x 15.75 - 14.50 | 5051-1215RC* 13.20 - 12.73 x 15.40 - 14.93 | |
| 15 x 10 | 1051-1510* 16.00 - 14.90 x 10.75 - 10.30 | | | 1051-1510EB* 16.00 - 14.90 x 10.75 - 10.30 |
| 15 x 12 | 1051-1512* 16.00 - 14.90 x 12.65 - 12.25 | | | |
| 15 x 15 | 1051-1515 16.00 - 14.90 x 16.00 - 14.90 | 1051-1515RC* 16.00 - 14.90 x 16.00 - 14.90 | | |
| 18 x 18 | 1051-1818* 20.10 - 19.00 x 19.00 - 18.00 | 1051-1818RC* 20.10 - 19.00 x 19.00 - 18.00 | | |
| 24 x 24 | 1051-2424* 26.30 - 24.30 x 25.30 - 23.30 | 1051-2424RC* 26.30 - 24.30 x 25.30 - 23.30 | | |

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|---|--|
| 4 x 4 | 1055-44 4.90 - 4.50 x 4.90 - 4.50 | 1055-44RC 4.90 - 4.50 x 4.90 - 4.50 | 5055-44RC 4.75 - 4.28 x 4.75 - 4.28 | |
| 5 x 4 | 1055-54* 6.30 - 5.60 x 5.15 - 4.50 | | | |
| 5 x 5 | 1055-55 6.20 - 5.40 x 6.05 - 5.35 | | | |
| 6 x 4 | 1055-64 7.00 - 6.15 x 4.90 - 4.30 | 1055-64RC* 7.10 - 6.35 x 5.10 - 4.80 | | 1055-64EB* 7.10 - 6.35 x 5.10 - 4.80 |
| 6 x 5 | 1055-65 6.95 - 6.20 x 5.90 - 5.30 | | | 1055-65EB* 7.10 - 6.35 x 6.10 - 5.60 |
| 6 x 6 | 1055-66 7.10 - 6.35 x 7.10 - 6.35 | 1055-66RC 7.10 - 6.35 x 7.10 - 6.35 | 5055-66RC 6.95 - 6.48 x 6.95 - 6.48 | |
| 8 x 4 | 1055-84* 9.25 - 8.60 x 5.05 - 4.60 | | | 1055-84EB* 9.25 - 8.55 x 5.15 - 4.75 |
| 8 x 6 | 1055-86* 9.25 - 8.60 x 6.90 - 6.25 | 1055-86RC* 9.25 - 8.55 x 6.85 - 6.50 | 5055-86RC* 9.10 - 8.63 x 6.70 - 6.23 | 1055-86EB* 9.25 - 8.55 x 6.85 - 6.50 |
| 8 x 8 | 1055-88 9.25 - 8.55 x 9.25 - 8.55 | 1055-88RC 9.25 - 8.55 x 9.25 - 8.55 | 5055-88RC 9.05 - 8.58 x 9.05 - 8.58 | |
| 10 x 8 | 1055-10-8* 11.15 - 10.25 x 9.15 - 8.60 | | | 1055-10-8EB* 10.95 - 10.25 x 9.15 - 8.60 |
| 10 x 10 | 1055-1010 10.95 - 10.25 x 10.95 - 10.25 | 1055-1010RC 10.95 - 10.25 x 10.95 - 10.25 | 5055-1010RC 10.75 - 10.28 x 10.75 - 10.28 | |
| 12 x 8 | 1055-12-8* 13.20 - 12.25 x 9.20 - 8.85 | | | |
| 12 x 10 | 1055-1210* 13.20 - 12.25 x 11.30 - 10.45 | 1055-1210RC* 13.30 - 12.55 x 11.35 - 10.65 | | 1055-1210EB* 13.30 - 12.55 x 11.35 - 10.65 |
| 12 x 12 | 1055-1212 13.30 - 12.55 x 13.30 - 12.55 | 1055-1212RC 13.30 - 12.55 x 13.30 - 12.55 | 5055-1212RC 13.05 - 12.58 x 13.05 - 12.58 | |
| 15 x 10 | 1055-1510* 16.60 - 15.35 x 11.30 - 10.85 | | | |
| 15 x 12 | 1055-1512* 16.60 - 15.35 x 13.25 - 12.70 | 1055-1512RC* 16.60 - 15.35 x 13.40 - 13.00 | | 1055-1512EB* 16.60 - 15.35 x 13.40 - 13.00 |
| 15 x 15 | 1055-1515 16.60 - 15.35 x 16.60 - 15.35 | 1055-1515RC 16.60 - 15.35 x 16.60 - 15.35 | | |
| 18 x 18 | 1055-1818 19.60 - 18.10 x 19.60 - 18.10 | 1055-1818RC 19.60 - 18.10 x 19.60 - 18.10 | | |
| 24 x 24 | 1055-2424 26.30 - 24.30 x 26.30 - 24.30 | 1055-2424RC 26.30 - 24.30 x 26.30 - 24.30 | | |

Resources

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|---|--|---|
| 0.75 x 0.75 | 1056-075 1.10 - 0.80 x 1.10 - 0.80 | | | |
| 1 x 1 | 1056-100 1.35 - 1.05 x 1.35 - 1.05 | | | |
| 1.25 x 1.25 | 1056-125 1.70 - 1.40 x 1.70 - 1.40 | | | |
| 1.50 x 1.25 | 1056-150/125 2.05 - 1.70 x 1.70 - 1.40 | | | |
| 1.50 x 1.50 | 1056-150 2.00 - 1.65 x 2.00 - 1.65 | 1056-150RC 2.00 - 1.65 x 2.00 - 1.65 | | |
| 2 x 1.50 | 1056-215 2.50 - 2.15 x 1.95 - 1.70 | 1056-215RC* 2.50 - 2.15 x 1.95 - 1.80 | | |
| 2 x 2 | 1056-22 2.50 - 2.15 x 2.50 - 2.15 | 1056-22RC 2.50 - 2.15 x 2.50 - 2.15 | | |
| 2.50 x 1.25 | 1056-250/125 3.10 - 2.50 x 1.75 - 1.40 | 1056-250/125RC* 3.10 - 2.50 x 1.75 - 1.40 | | |
| 2.50 x 1.50 | 1056-250/150 3.10 - 2.50 x 2.00 - 1.65 | 1056-250/150RC* 3.10 - 2.50 x 2.00 - 1.65 | | |
| 2.50 x 2 | 1056-250/22 3.00 - 2.70 x 2.50 - 2.25 | 1056-250/22RC* 3.00 - 2.70 x 2.50 - 2.25 | | |
| 2.50 x 2.50 | 1056-250 3.10 - 2.50 x 3.10 - 2.50 | 1056-250RC 3.00 - 2.70 x 3.00 - 2.70 | | |
| 3 x 1.50 | 1056-315 3.50 - 3.15 x 1.95 - 1.65 | | | 1056-315EB* 3.70 - 3.15 x 1.95 - 1.80 |
| 3 x 2 | 1056-32 3.65 - 3.15 x 2.50 - 2.20 | 1056-32RC* 3.70 - 3.15 x 2.50 - 2.25 | | 1056-32EB* 3.70 - 3.15 x 2.50 - 2.25 |
| 3 x 2.50 | 1056-3/250* 3.70 - 3.15 x 3.00 - 2.75 | 1056-3/250RC* 3.70 - 3.15 x 3.00 - 2.75 | | |
| 3 x 3 | 1056-33 3.70 - 3.15 x 3.70 - 3.10 | 1056-33RC 3.70 - 3.15 x 3.70 - 3.10 | 5056-33RC 3.50 - 3.26 x 3.50 - 3.26 | |
| 4 x 1.50 | 1056-415 4.50 - 4.00 x 1.95 - 1.75 | | | |
| 4 x 2 | 1056-42 4.50 - 4.00 x 2.50 - 2.25 | 1056-42RC* 4.60 - 4.10 x 2.50 - 2.30 | | 1056-42EB* 4.60 - 4.10 x 2.50 - 2.30 |
| 4 x 3 | 1056-43 4.65 - 4.25 x 3.65 - 3.25 | 1056-43RC* 4.65 - 4.25 x 3.50 - 3.30 | 5056-43RC* 4.50 - 4.26 x 3.50 - 3.26 | 1056-43EB* 4.65 - 4.25 x 3.50 - 3.30 |
| 4 x 4 | 1056-44 4.65 - 4.10 x 4.65 - 4.10 | 1056-44RC 4.65 - 4.10 x 4.65 - 4.10 | 5056-44RC 4.50 - 4.26 x 4.50 - 4.26 | |
| 5 x 4 | 1056-54 5.65 - 5.25 x 4.50 - 4.00 | 1056-54RC* 5.70 - 5.10 x 4.55 - 3.95 | 5056-54RC* 5.50 - 5.03 x 4.40 - 3.93 | 1056-54EB* 5.70 - 5.10 x 4.60 - 4.05 |
| 5 x 5 | 1056-55 5.70 - 5.10 x 5.70 - 5.10 | 1056-55RC 5.70 - 5.10 x 5.70 - 5.10 | | |
| 6 x 4 | 1056-64 6.85 - 6.25 x 4.60 - 4.10 | 1056-64RC* 6.85 - 6.25 x 4.55 - 4.40 | 5056-64RC* 6.65 - 6.18 x 4.50 - 4.03 | 1056-64EB* 6.80 - 6.30 x 4.60 - 4.15 |
| 6 x 5 | 1056-65 6.65 - 6.10 x 5.65 - 5.15 | 1056-65RC* 6.80 - 6.30 x 5.70 - 5.10 | 5056-65RC* 6.65 - 6.18 x 5.50 - 5.03 | 1056-65EB* 6.80 - 6.30 x 5.70 - 5.10 |
| 6 x 6 | 1056-66 6.80 - 6.30 x 6.80 - 6.30 | 1056-66RC 6.80 - 6.30 x 6.80 - 6.30 | 5056-66RC 6.65 - 6.18 x 6.65 - 6.18 | |
| 8 x 4 | 1056-84* 8.60 - 8.05 x 4.55 - 4.20 | 1056-84RC* 8.75 - 8.00 x 4.65 - 4.25 | | 1056-84EB* 8.75 - 8.00 x 4.65 - 4.25 |
| 8 x 6 | 1056-86 8.60 - 8.05 x 6.50 - 6.10 | 1056-86RC* 8.75 - 8.00 x 6.75 - 6.50 | 5056-86RC* 8.65 - 8.18 x 6.35 - 5.88 | 1056-86EB* 8.75 - 8.00 x 6.75 - 6.50 |
| 8 x 8 | 1056-88 8.75 - 8.00 x 8.75 - 8.00 | 1056-88RC 8.75 - 8.00 x 8.75 - 8.00 | 5056-88RC 8.65 - 8.18 x 8.65 - 8.18 | |

| | | | | |
|----------------|--|--|--|--|
| 10 x 8 | 1056-10-8 10.60 - 9.60 x 8.65 - 7.85 | 1056-10-8RC* 10.80 - 10.10 x 8.85 - 8.30 | 5056-10-8RC* 10.65 - 10.18 x 8.65 - 8.18 | 1056-10-8EB* 10.80 - 10.10 x 8.85 - 8.30 |
| 10 x 10 | 1056-1010 10.80 - 10.10 x 10.80 - 10.10 | 1056-1010RC 10.80 - 10.10 x 10.80 - 10.10 | 5056-1010RC 10.65 - 10.18 x 10.65 - 10.18 | |
| 12 x 10 | 1056-1210 12.75 - 11.85 x 10.80 - 10.00 | 1056-1210RC* 12.75 - 12.00 x 11.00 - 10.25 | 5056-1210RC* 12.55 - 12.08 x 10.75 - 10.28 | 1056-1210EB* 12.75 - 12.00 x 10.75 - 10.25 |
| 12 x 12 | 1056-1212 12.75 - 12.00 x 12.75 - 12.00 | 1056-1212RC 12.75 - 12.00 x 12.75 - 12.00 | 5056-1212RC 12.55 - 12.08 x 12.55 - 12.08 | |
| 15 x 10 | 1056-1510* 15.75 - 15.40 x 11.00 - 10.25 | | | 1056-1510EB* 15.75 - 14.50 x 10.75 - 10.10 |
| 15 x 12 | 1056-1512* 16.35 - 15.50 x 12.60 - 11.75 | 1056-1512RC* 15.75 - 14.50 x 12.65 - 11.70 | | 1056-1512EB* 15.75 - 14.50 x 12.65 - 11.70 |
| 15 x 15 | 1056-1515 15.75 - 14.50 x 15.75 - 14.50 | 1056-1515RC 15.75 - 14.50 x 15.75 - 14.50 | 5056-1515RC 15.40 - 14.93 x 15.40 - 14.93 | |
| 18 x 18 | 1056-1818 19.00 - 17.50 x 19.00 - 17.50 | 1056-1818RC 19.00 - 17.50 x 19.00 - 17.50 | 5056-1818RC 18.50 - 18.03 x 18.50 - 18.03 | |
| 21 x 21 | 1056-2121 22.50 - 20.50 x 22.50 - 20.50 | 1056-2121RC 22.50 - 20.50 x 22.50 - 20.50 | | |
| 24 x 24 | 1056-2424 25.00 - 23.00 x 25.00 - 23.00 | 1056-2424RC 25.00 - 23.00 x 25.00 - 23.00 | 5056-2424RC 24.50 - 24.03 x 24.50 - 24.03 | |
| 27 x 27 | 1056-2727 28.20 - 26.20 x 28.20 - 26.20 | 1056-2727RC 28.20 - 26.20 x 28.20 - 26.20 | | |

| NOMINAL PIPE SIZE (INCHES) | STANDARD RANGE "A" x "B" | 1000 RC SERIES RANGE "A" x "B" | 5000 RC SERIES RANGE "A" x "B" | ECCENTRIC RANGE "A" x "B" |
|----------------------------|--|--|--|--|
| 4 x 4 | 1057-44* 5.85 - 5.15 x 5.15 - 4.50 | 1057-44RC* 5.85 - 5.15 x 5.15 - 4.50 | | |
| 6 x 4 | 1057-64* 7.90 - 7.30 x 5.15 - 4.50 | | | 1057-64EB* 7.90 - 7.30 x 5.15 - 4.50 |
| 6 x 6 | 1057-66* 7.90 - 7.30 x 6.90 - 6.25 | 1057-66RC* 7.90 - 7.30 x 6.90 - 6.25 | | |
| 6 x 8 | 1057-68* 9.25 - 8.55 x 7.85 - 7.20 | 1057-68RC* 9.25 - 8.55 x 7.85 - 7.20 | | 1057-68EBRC* 9.25 - 8.55 x 7.85 - 7.20 |
| 8 x 6 | 1057-86* 10.20 - 9.50 x 6.90 - 6.25 | 1057-86RC* 10.65 - 9.90 x 6.90 - 6.25 | | |
| 8 x 8 | 1057-88 10.20 - 9.50 x 9.00 - 8.45 | 1057-88RC* 10.65 - 9.90 x 9.15 - 8.60 | | |
| 10 x 10 | 1057-1010* 12.70 - 12.00 x 11.30 - 10.45 | 1057-1010RC* 12.70 - 12.00 x 11.30 - 10.45 | | |
| 10 x 10 LC | | | 5057-1010LCRC* 14.00 - 13.53 x 11.10 - 10.63 | |
| 12 x 6 | 1057-12-6* 15.45 - 14.50 x 6.90 - 6.25 | | | 1057-12-6EB* 15.45 - 14.50 x 6.90 - 6.25 |
| 12 x 8 | 1057-12-8* 16.50 - 15.50 x 9.20 - 8.85 | | | 1057-12-8EB* 15.75 - 14.50 x 9.20 - 8.85 |
| 12 x 10 | 1057-1210* 16.50 - 15.50 x 11.30 - 10.45 | | | |
| 12 x 10 LC | 1057-1210LC* 16.00 - 15.10 x 11.30 - 10.45 | | | |
| 12 x 12 | 1057-1212* 15.45 - 14.50 x 13.50 - 12.50 | 1057-1212RC* 15.45 - 14.50 x 13.50 - 12.50 | | |
| 12 x 12 LC | 1057-1212LC* 16.00 - 15.10 x 13.50 - 12.50 | 1057-1212LCRC* 16.00 - 15.10 x 13.50 - 12.50 | | |
| 15 x 8 | 1057-15-8* 20.25 - 18.75 x 9.20 - 8.85 | | | 1057-15-8EB* 20.25 - 18.75 x 9.20 - 8.85 |
| 15 x 10 | 1057-1510* 20.25 - 18.75 x 11.30 - 10.45 | | | |
| 15 x 12 | 1057-1512* 20.25 - 18.75 x 13.50 - 12.50 | 1057-1512RC* 20.20 - 18.90 x 13.50 - 12.50 | | |
| 15 x 15 | 1057-1515* 20.20 - 18.90 x 16.75 - 16.10 | 1057-1515RC* 20.20 - 18.90 x 16.75 - 16.10 | | |
| 18 x 18 | 1057-1818* 22.50 - 21.00 x 19.80 - 19.35 | 1057-1818RC* 22.50 - 21.00 x 19.80 - 19.35 | | |
| 24 x 24 | 1057-2424* 30.50 - 29.00 x 25.90 - 25.45 | 1057-2424RC* 30.50 - 29.00 x 25.90 - 25.45 | | |

Plumbing Market Sales Reps

1. David Gooding, Inc.

Brockton, MA
(508) 894-2000
ME, NH, VT, MA, RI, CT

2. Empire State Assoc.

Ballston Spa, NY
(518) 602-0271
NY

3. Altherm, Inc.

Englewood, NJ
(201) 871-0500
New York City, Long Island,
Northern New Jersey

4. Rich-Tomkins Company, Inc.

Aston, PA
(610) 859-3552
E. PA, Southern NJ, DE

5. Fehr & Cuda Sales, Inc.

Greensburg, PA
(724) 838-9394
West PA & WV

6. Lowder Sales

Lewis Center, OH
(800) 221-5650
OH

7. Lozuaway & Assoc.

Grand Blanc, MI
(810) 234-1635
MI

8. Ashworth—Train Assoc.

Indianapolis, IN
(317) 722-1950
IN

9. Kast Marketing, Inc.

Bensonville, IL
(630) 227-0600
N. IL

10. McCullough & Assoc.

Edina, MN
(952) 946-0126
MN, WI, ND, SD, Upper MI

11. I and N Marketing Group

Earlham, IA
(515) 758-2956
IA, NE

12. Mack McClain & Assoc.

Olathe, KS
(913) 339-6677
KS, W. MO

13. T.M. Sales

Denver, CO
(303) 375-1515
CO, MT, WY

14. McGregor & Assoc.

West Jordan, UT
(801) 566-8225
UT, ID

15. Gordon & Assoc.

Vancouver, WA
(360) 566-1470
WA, OR, AK

16. RD/Kincaide & Assoc.

Benicia, CA
(707) 745-3655
N. CA & N. NV

17. Carrhill Company

City of Commerce, CA
(323) 724-6087
S. CA, Clark County, NV, HI

18. New Horizon Sales, Inc.

Phoenix, AZ
(602) 437-4795
AZ

19. Stan Roberts & Assoc., Inc.

Houston, TX
(713) 224-9845
South TX

Dallas, TX

(214) 637-2816
North TX

20. PSA

Little Rock, AR
(501) 312-8700
AR

21. OK! Sales

Broken Arrow, OK
(405) 794-5200
Tulsa, OK

22. Mack McClain

St. Louis, MO
(314) 894-8188
S. IL, E. MO

23. Billingsley BWC

Kenner, LA
(504) 602-8100
LA, MS

24. Wm. M. McClain Co, Inc.

Nashville, TN
(615) 226-9601
TN

25. Wiggs-Haun & Bohan

Nashville, TN
(615) 350-8334
AL, Panhandle FL

26. United Sales Agency

Marietta, GA
(770) 514-7444
GA

27. Carr Company

Boca Raton, FL
(561) 997-0999
FL, except Panhandle

28. Carolina Sales

Charlotte, NC
(803) 831-7227
NC, SC

29. Barger & Assoc.

Yorktown, MD
(888) 697-3755
VA, D.C., MD

30. Pinnacle Marketing

Albuquerque, NM
(502) 345-2700
NM

31. Kemper Sales & Assoc.

Nicholasville, KY
(859) 881-8624
KY

PUERTO RICO

33. Inter American Builders

Agencies
Carolina, PR
(787) 752-0200
Puerto Rico

MEXICO

34. Ardent Sales

Long Beach, CA
(562) 552-4169
Mexico

CANADA

40. Barclay Sales LTD.

Port Coquitlam, BC
(604) 945-1010

41. Spectrum Sales Agencies 1982 LTD.

Calgary, Alberta
(403) 255-8332

Edmonton, Alberta
(780) 486-2525

42. Jones Goodridge

Winnipeg, Manitoba
(204) 632-6221

Regina, Sask
(306) 530-9056

Saskatoon, Sask
(306) 933-4377

43. Showerline Sales LTD.

London, Ontario
(519) 657-2694

Waterloo, Ontario
(519) 885-1578

44. Armco Agencies LTD.

Mississauga, Ontario
(905) 238-8448

45. Ventes Bergeron Sales

Russell, Ontario
(613) 445-4170

46. Northern Mechanical Sales

Garson, Ontario
(705) 693-2715

47. Agencies J. Pierre Sylvain, Inc.

Boucherville, Que.
(450) 655-9588

Quebec, PQ
(418) 570-0703

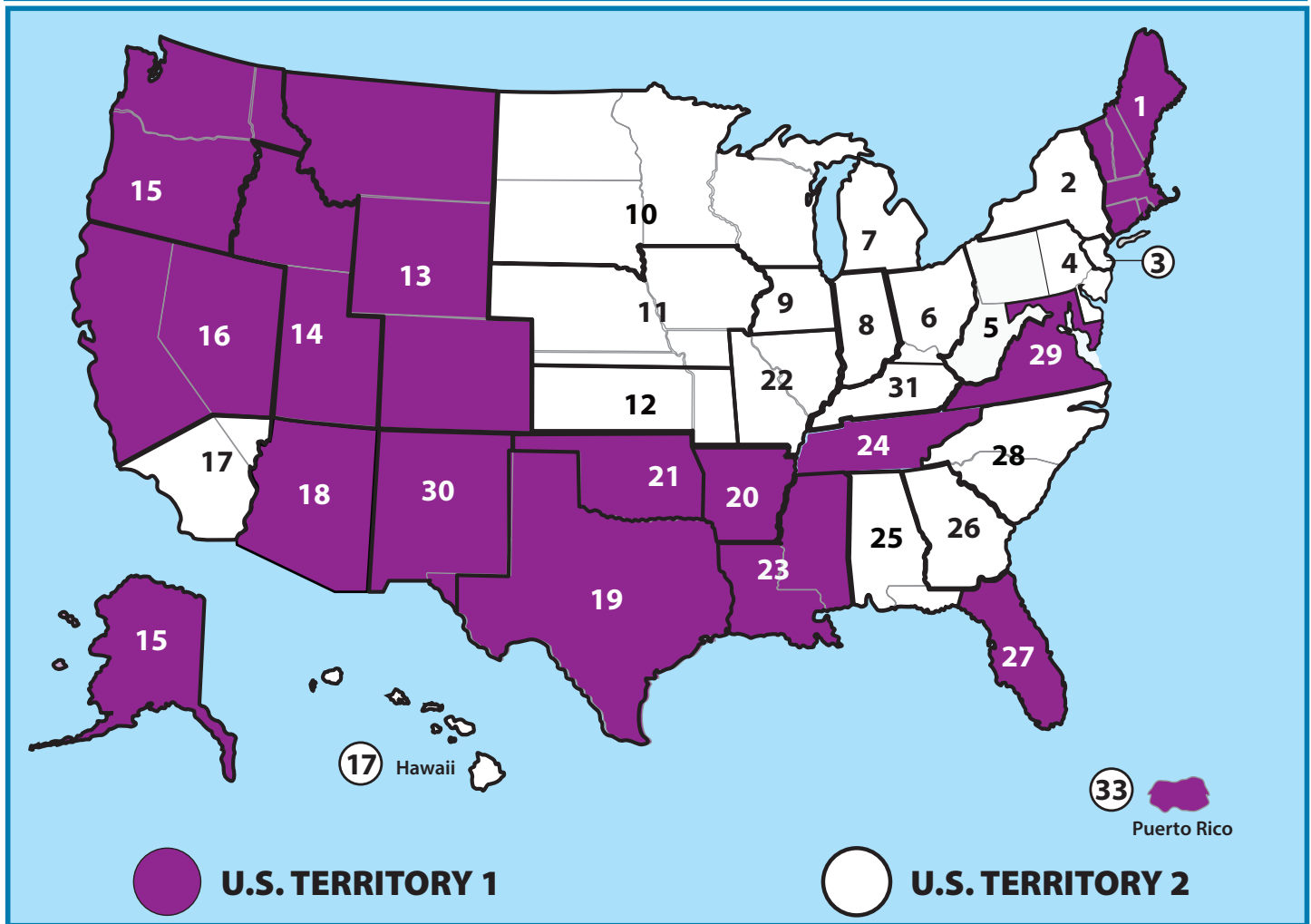
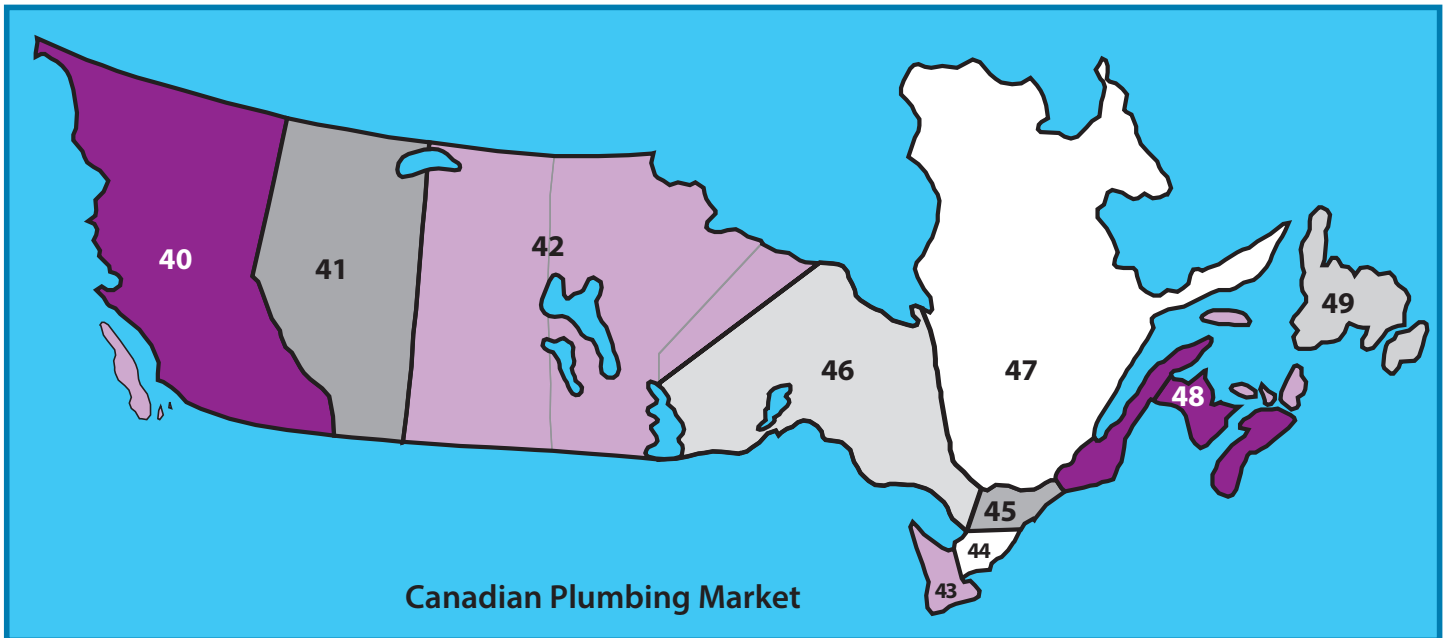
48. NerohTek Sales

Windsor, N.S.
(902) 869-0103

49. Par Four Plumbing

St. Johns, N.F.
(709) 739-7177

Plumbing Market Sales Reps



Resources

WaterWorks Market Sales Map

1. David Gooding, Inc.

Brockton, MA
(508) 894-2000
ME, NH, VT, MA, RI, CT

2. Empire State Assoc.

Ballston Spa, NY
(518) 602-0271
NY

3. Saga Sales, Inc.

Englewood, NJ
(908) 505-9990
New York City, Long Island,
Northern New Jersey

4. Charles Morrow & Assoc.

Buckhannon, WV
(304) 472-9005
E. PA, S. NJ, DE, VA, D.C., MD

5. Fehr & Cuda Sales, Inc.

Greensburg, PA
(724) 838-9394
West PA & WV

6. Hydrosource

Chagrin Falls, OH
(440) 247-9150
IN, OH, Lower MI

7. Eaton Mechanical Sales

Prarie View, IL
(847) 980-7253
N. IL

8. Mack McClain & Assoc.

Olathe, KS
(913) 339-6677
KS, W. MO
St. Louis, MO
(314) 894-8188
S. IL, E. MO

9. I and N Marketing Group

Earlham, IA
(515) 758-2956
IA, NE

10. McCullough & Assoc.

Edina, MN
(952) 946-0126
MN, WI, ND, SD, Upper MI

11. Repmasters, Inc.

Commerce City, CO
(303) 286-7575
CO, MT, WY

12. McGregor & Assoc.

West Jordan, UT
(801) 566-8225
UT, ID

13. Gordon & Assoc.

Vancouver, WA
(360) 566-1470
WA, OR, AK, HI

14. RD/Kincaide & Assoc.

Benicia, CA
(707) 745-3655
N. CA & N. NV

15. Stan Roberts & Assoc., Inc.

Houston, TX
(713) 224-9845
South TX
Dallas, TX
(214) 637-2816
North TX

16. PSA

Little Rock, AR
(501) 312-8700
AR

17. OK! Sales

Broken Arrow, OK
(405) 794-5200
OK

18. Billingsley BWC

Kenner, LA
(504) 602-8100
LA, MS

19. Wm. M. McClain Co, Inc.

Nashville, TN
(615) 226-9601
TN

20. Wiggs-Haun & Bohan

Nashville, TN
(615) 350-8334
AL

21. Diversified Infrastructure

Kennesaw, GA
(770) 425-6028
GA

22. L.J. Ruffin & Assoc.

Boca Raton, FL
(561) 997-0999
FL

23. Ultratech Water Resources

Shelby, NC
(704) 445-0220
NC, SC

24. Pinnacle Marketing

Albuquerque, NM
(502) 345-2700
NM, El Paso, TX

25. Kemper Sales & Assoc.

Nicholasville, KY
(859) 881-8624
KY

26. New Horizon Sales, Inc.

Phoenix, AZ
(602) 437-4795
Clark County, NV, AZ

27. W4 (Westcoast Water Works Warehouse)

Corona, CA
(951) 279-4444
S. CA

28. JT Sales Company

Temecula, CA
(951) 501-6859
S. CA

PUERTO RICO

29. Inter American Builders Agencies

Carolina, PR
(787) 752-0200
Puerto Rico

MEXICO

40. Ardent Sales

Long Beach, CA
(562) 552-4169
Mexico

CANADA

30. Barclay Sales LTD.

Port Coquitlam, BC
(604) 945-1010

31. Spectrum Sales Agencies 1982 LTD.

Calgary, Alberta
(403) 255-8332
Edmonton, Alberta
(780) 486-2525

32. Jones Goodridge

Winnipeg, Manitoba
(204) 632-6221
Regina, Sask
(306) 530-9056

Saskatoon, Sask
(306) 933-4377

33. Showerline Sales LTD.

London, Ontario
(519) 657-2694
Waterloo, Ontario
(519) 885-1578

34. Armco Agencies LTD.

Mississauga, Ontario
(905) 238-8448

35. Ventes Bergeron Sales

Russell, Ontario
(613) 445-4170

36. Northern Mechanical Sales

Garson, Ontario
(705) 693-2715

37. Agencies J. Pierre Sylvain, Inc.

Boucherville, Que.
(450) 655-9588
Quebec, PQ
(418) 570-0703

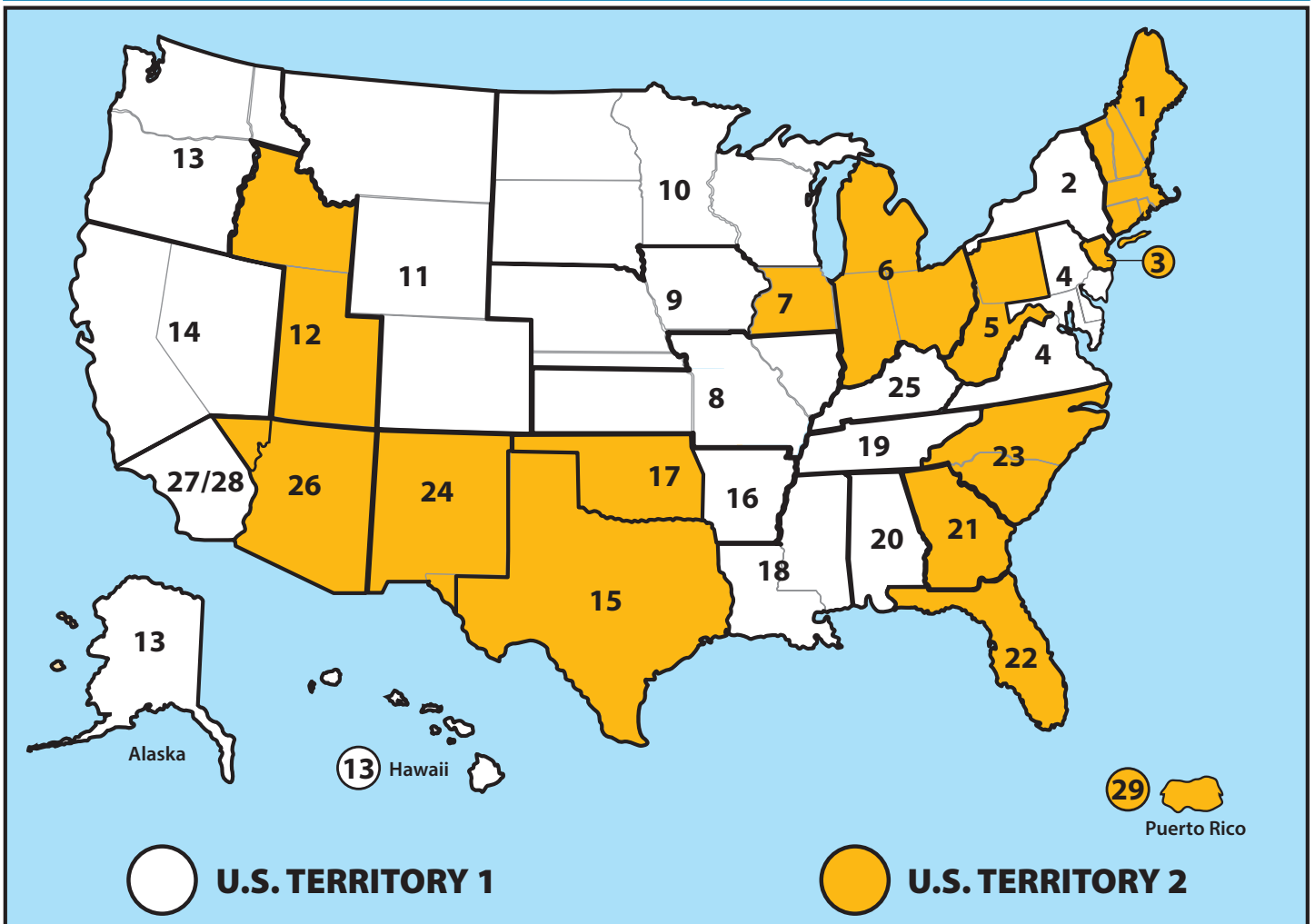
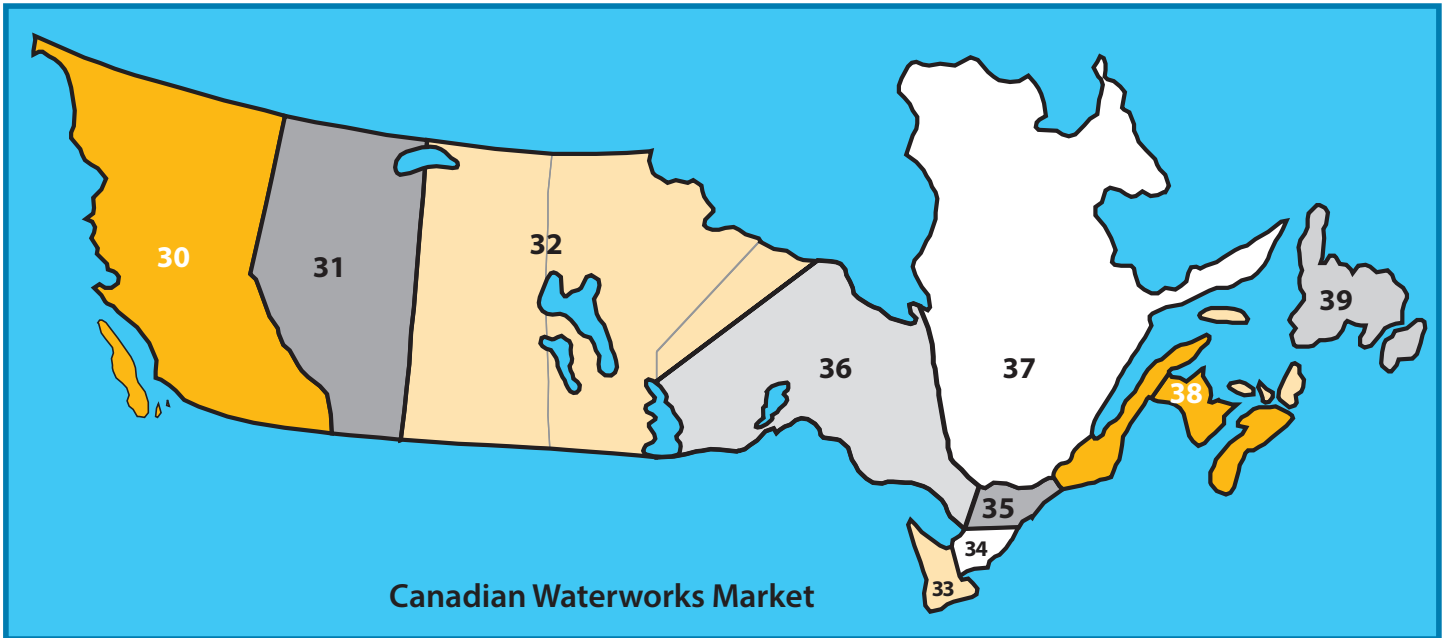
38. NerohTek Sales

Windsor, N.S.
(902) 869-0103

39. Par Four Plumbing

St. Johns, N.F.
(709) 739-7177

WaterWorks Market Sales Reps



Acid Resistance Chart

Maximum test pressure: 4.3 PSI (29.6 KPA)

Maximum operating temperature: 140° F non-consistent

R - Recommended N - Not Recommended

| Reagent | Flexible Coupling 70°F | Proflex 70°F | Reagent | Flexible Coupling 70°F | Proflex 70°F | Reagent | Flexible Coupling 70°F | Proflex 70°F |
|-------------------------------------|------------------------|--------------|----------------------------|------------------------|--------------|----------------------|------------------------|--------------|
| Acetic Acid 20% | R | R | Disodium Phosphate | N | N | Silver Cyanide | R | R |
| Acetic Acid 80% | N | N | Distilled Water | R | R | Silver Nitrate | R | R |
| Acetone | N | N | Ethers | N | N | Silver Sulfate | R | R |
| Alcohol (Methyl or Ethyl) | R | R | Ethyl Acetate | N | N | Sodium Bicarbonate | R | R |
| Aluminum Chloride | R | R | Ethylene Chloride | N | N | Sodium Bisulfite | R | R |
| Aluminum Sulfate | R | R | Ethylene Glycol | R | R | Sodium Carbonate | R | R |
| Alums | R | R | Fatty Acids (C6) | R | R | Sodium Cyanide | R | R |
| Ammonia Gas (Dry) | R | R | Ferric Chloride | R | R | Sodium Ferrocyanide | R | R |
| Ammonium Chloride | R | R | Ferric Sulfate | R | R | Sodium Hydroxide | R | R |
| Ammonium Hydroxide | R | R | Fluorine (Gas Wet) | N | N | Sodium Hypochlorite | R | N |
| Ammonium Nitrate | R | R | Formaldehyde (20%) | R | R | Sodium Sulfate | R | R |
| Ammonium Phosphate | R | R | Formic Acid (10%) | R | R | Sodium Sulfide | R | R |
| Ammonium Sulfate | R | R | Freon 12 Dry | N | R | Sodium Sulfite | R | R |
| Ammonium Sulfide | R | R | Fruit Juices & Pulp | R | R | Sodium Thiosulfate | R | N |
| Amyl Chloride | N | N | Furfural | N | N | Stannic Chloride | R | N |
| Aniline | N | N | Gasoline (Refined) | N | N | Stannous Chloride | R | R |
| Aqua Regia | N | N | Glucose | R | R | Stearic Acid | R | R |
| Barium Chloride | R | R | Glycerine | R | R | Sulfite Liquor | R | R |
| Barium Hydroxide | R | R | Hydrobromic Acid (20%) | R | N | Sulfur | R | N |
| Barium Sulfate | R | R | Hydrochloric Acid | R | N | Sulfur Dioxide (Dry) | R | N |
| Barium Sulfide | R | R | Hydrocyanic Acid | R | R | Sulfur Dioxide (Wet) | R | N |
| Beer | R | R | Hydroquinone | R | N | Sulfuric Acid 50% | R | R |
| Beet Sugar Liquors | R | R | Hypochlorous Acid | R | N | Sulfuric Acid 70% | N | N |
| Benzene | N | N | Iodine | N | N | Sulfuric Acid 93% | N | N |
| Benzoic Acid | R | N | Kerosene | N | N | Sulfurous Acid | R | N |
| Black Liquor | R | R | Lactic Acid 25% | R | R | Tannic Acid | R | R |
| Bleach 12 5% active Cl ₂ | R | N | Linseed Oil | R | R | Tanning Liquors | R | R |
| Boric Acid | R | R | Liquors | N | N | Tartaric Acid | R | R |
| Bromic Acid | R | N | Machine Oil | N | N | Toluene | N | N |
| Bromine Water | N | N | Magnesium Chloride | R | R | Trichloroethylene | N | N |
| Butane | N | R | Magnesium Sulfate | R | R | Triethanolamine | N | N |
| Butyric Acid | N | N | Maleic Acid | N | N | Trisodium Phosphate | R | R |
| Calcium Carbonate | R | R | Methyl Chloride | N | N | Turpentine | N | N |
| Calcium Chloride | R | R | Methyl Ethyl Ketone | N | N | Urea | R | R |
| Calcium Hydroxide | R | R | Milk | R | R | Urine | R | R |
| Calcium Hypochlorite | R | N | Mineral Oils | N | R | Vinegar | R | R |
| Calcium Sulfate | R | R | Muriatic Acid | R | N | Water (Fresh) | R | R |
| Cane Sugar Liquors | R | R | Nickel Chloride | R | R | Water (Salt) | R | R |
| Carbon Bisulfide | N | N | Nickel Sulfate | R | R | Whiskey | R | R |
| Carbon Dioxide | R | R | Nitric Acid 0-40% | R | N | Wines | R | R |
| Carbon Monoxide | R | R | Nitric Acid 41-100% | N | N | Xylene | N | N |
| Carbon Tetrachloride | N | N | Oleic Acid | N | N | Zinc Chloride | R | R |
| Carbon Acid | R | R | Oleum | N | N | Zinc Sulfate | R | R |
| Caustic Soda | R | N | Oxalic Acid | R | R | | | |
| Caustic Soda 50% | R | R | Palmitic Acid 10% | R | R | | | |
| Caustic Potash | R | R | Perchloric Acid | N | N | | | |
| Chloride (Dry) | N | N | Petroleum Oils (Sour) | N | N | | | |
| Chloride (Wet) | N | N | Phenol 5% | N | N | | | |
| Chloroacetic Acid | N | N | Phosphorous Trichloride | N | N | | | |
| Chlorobenzene | N | N | Photographic Solutions | R | R | | | |
| Chloroform | N | N | Picric Acid | N | N | | | |
| Chromic Acid 10% | R | N | Plating Solution | R | R | | | |
| Chromic Acid 50% | N | N | Potassium Carbonate | R | R | | | |
| Citric Acid | R | R | Potassium Chlorate | R | R | | | |
| Copper Chloride | R | R | Potassium Chloride | R | R | | | |
| Copper Cyanide | R | R | Potassium Cyanide | R | R | | | |
| Copper Nitrate | R | R | Potassium Dichromate | R | R | | | |
| Copper Sulfate | R | R | Potassium Hydroxide | R | R | | | |
| Cottonseed Oil | R | R | Potassium Permanganate 10% | R | R | | | |
| Cresol | N | N | Potassium Sulfate | R | R | | | |
| Cyclohexanol | N | R | Propane Gas | R | R | | | |
| Cyclohexanone | N | N | Propyl Alcohol | R | R | | | |
| Dimethylamine | N | N | Sea Water | R | R | | | |
| Diocyl Pthalate | N | N | Sewerage | R | R | | | |

NOTE: The data listed in this table is only to give information in regard to general use and does not constitute a guarantee. Materials should be tested under actual service to determine suitability for a particular purpose.

TERMS

All prices shown are Trade/List, stated in U.S. currency and subject to change without notice

MINIMUM INVOICE - None

PAYMENT TERMS - 1% 10th prox. NET 30 days unless otherwise stated. Shortage claims must be made to Fernco within 15 days after delivery

FREIGHT TERMS - Prepaid and allowed on net order of \$750.00 or more unless otherwise stated. All others will be prepaid and billed. Claims for loss or damage must be filed with the freight carrier

SALES POLICY - Fernco products are available to any legitimate wholesaler, pipe manufacturer or distributor with approved credit

RETURN POLICY - All returns must be preceded by factory authorization. Minimum 15% restocking charge will apply to all standard Fernco products. All materials returned to Fernco should be in original cartons and be in resalable condition. This amount is subject to change depending on condition of items returned to Fernco

- Fernco Custom Parts are Non-Refundable
- Freight must be prepaid on all return shipments
- Returns will not be allowed after 90 days of invoice date

LIMITED WARRANTY

Fernco warrants its product(s) against defects in workmanship or materials for one (1) year from date of original purchase (unless a shorter period is expressly provided with respect to a particular product). Fernco's total liability under any warranty, or any other claim arising in any way from the product or its use, is limited, at Fernco's option, to refund or replacement of any such product returned to Fernco within the one-year warranty period and determined by Fernco to be defective. To the extent permitted by law, Fernco disclaims and excludes any and all other warranties, express or implied, including without limitation any implied warranty of merchantability or fitness for a particular purpose, and in no event shall Fernco be liable for special, incidental or consequential damages. Failure to follow the installation instructions provided by Fernco will void this warranty. To make a warranty claim, purchaser should have the original receipt and contact Fernco, Inc. Customer Service Department, 810 503-9000. Purchaser is responsible for any shipping charges.

If state law preserves implied warranties, including implied warranties of merchantability and fitness for a particular purpose, such warranties are limited to one-year from the date of the original purchase and as otherwise set forth above. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of incidental or consequential damages, so such limitation(s) or exclusion(s) may not apply to you.

This written warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Fernco, Inc.

300 S. Dayton St.
Davison, MI 48423
fernco.com
P: (810) 503-9000
F: (810) 503-1015

Fernco West

855 Linda Way
Sparks, NV 89431
fernco.com
P: (810) 503-9000
F: (810) 503-1015

Fernco Connectors LTD

850 Philip Street E.
Sarnia, Ontario N7T 1Z6
fernco.ca
P: (519) 332-6711
F: (519) 332-8610



PROVEN. PREFERRED. PROFESSIONAL.