



Waterworks 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

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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 'donut' became patented. When word spread of this invention, Zopfi, set up a small shop behind his plumbing business to begin producing the Donut. Thus, Fernco was set on its 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

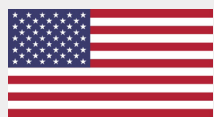


Germany



Australia

Global Distribution



United States



Canada



European Union



Australia



New Zealand



Puerto Rico



Mexico



Brazil



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.

Standard Flexible Couplings



Fernco's specially formulated PVC compound positively seals most sewer and drain connections.

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.

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



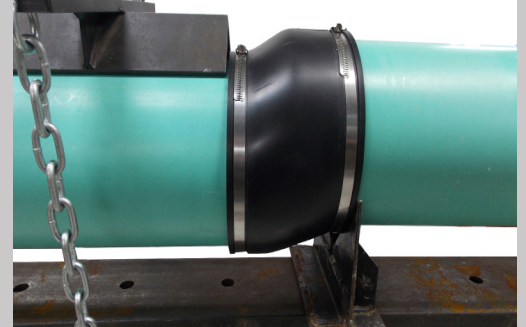
High Torque Clamps

STANDARD on all 18" and larger couplings

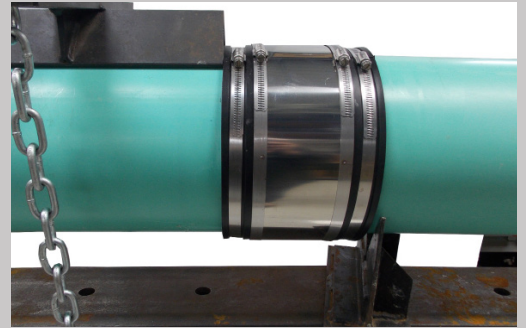


STRONG BACK

1000 RC Series



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

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



Worm Gear Clamps

RC COUPLINGS

5000 RC Series



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.

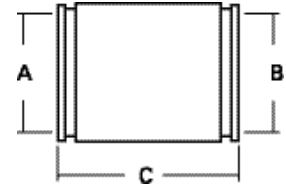
**Designed to resist
heavy earth loads
and shear forces
underground while
providing improved
pipe alignment**

Flexible Couplings

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

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



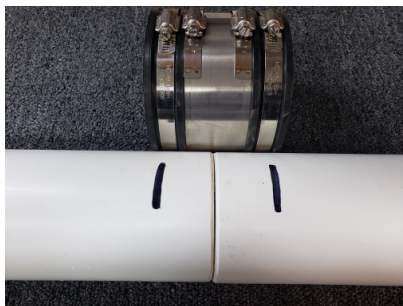
- Transitions dissimilar chemical piping and sizes
- Chemical resistant drain system, connects chemical waste piping to chemical waste tanks
- One piece Fluoropolymer (FEP) liner
- Suitable for above & below ground use
- Max temp: 212° F consistent, 266° F intermittent
- 4.3 PSI maximum test pressure

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.

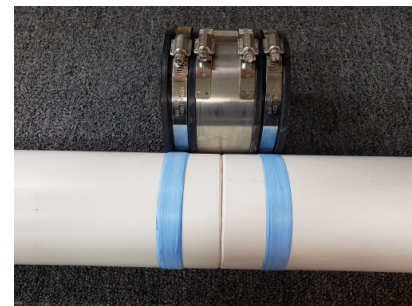
Part Number	Description	Min. Inch	Max. Inch
CC56G	1 1/2" PL/CI/GL	1.73"	2.09"
CC65G	2" PL/CI/GL or 1 1/2" DU	2.13"	2.60"
CC75G	2" DU or 2 1/2" PL	2.64"	3.11"
CC100G	3" PL/CI/GL	3.15"	3.50"
CC115G	3" DU/DI	3.54"	4.29"
CC125G	4" PL/CI/GL/DU/DI	4.33"	5.20"
CC180G	6" PL/CI/GL/DU/DI	6.22"	7.01"
CC225G	8" 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"

Installation Steps:

1



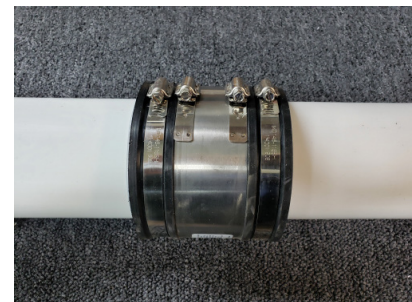
2



3



4



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



Fabricated Specify pipe OD when ordering

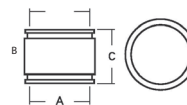
Part Number	Min. Pipe Size	Max. Pipe Size
FRK9503	11.81	15.73
FRK9504	15.74	19.67
FRK9505	19.68	23.61
FRK9506	23.62	27.54
FRK9507	27.55	31.48
FRK9508	31.49	35.42
FRK9509	35.43	39.36
FRK9510	39.37	43.29
FRK9511	43.30	47.23
FRK9512	47.24	51.00

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

Corrugated Pipe Couplings

Connect ADS and Hancor corrugated polyethylene to plastic



A B C

Technical Data

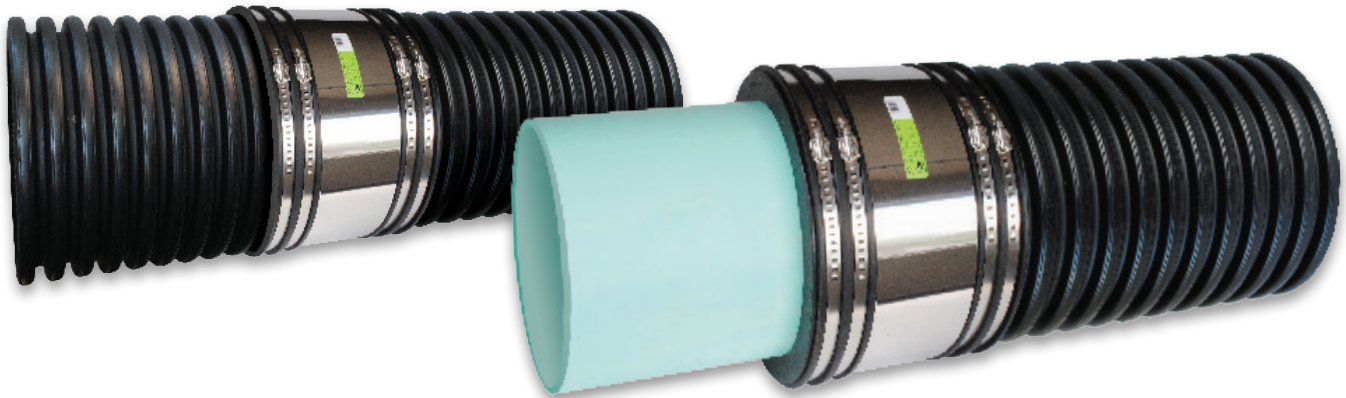
- Available in 3", 4", 6", and 8" sizes
- Conforms to ASTM D5926
- Connects corrugated polyethylene drainage and irrigation systems to sewer drain or DWV plastic pipe



Part Number	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" up to 60"



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

TECHNICAL SPECS

Ultimate Shear Resistance - .012" (12mil) 300 series stainless steel shear ring offers greater sealing force on corrugated pipe and ensures a water tight seal is maintained.

Ultimate Pipe Alignment - Due to the thickness and strength of the shear ring, you are assured consistent pipe alignment against shear forces from soil compaction, shifting and settling.

Ultimate Sealing High Torque Clamps - 301 series stainless steel **High Torque Clamps**, offering greater sealing power and excellent corrosion resistance. All 10 inch diameter couplings are 6 inches wide with 2 clamp areas, and all 12 inch diameter and larger couplings are 10 inches wide with 4 clamp areas.

Ultimate Sealing Gasket - The flexible PVC gasket has a smooth inside surface providing greater sealing performance than ribbed rubber gaskets. The smooth internal wall of the gasket makes contact 360° over its entire length. This equates to a larger sealing surface and a higher coefficient of friction, providing maximum sealing capabilities as well as preventing slippage under the weight of shear forces.

Additional sizes available upon request

Large Diameter Couplings

For non-standard or special size applications

The ideal coupling for repairs, alterations or rehabilitation of large diameter sewer pipe. These couplings are made from flexible PVC and offer easy installation and leak free connections. They are engineered for use with all common sewer piping materials: clay, concrete, cast and ductile iron, AC, plastic or fiberglass.



LDC TECHNICAL SPECS

- 10 inches wide
- 4 - Series 304 stainless steel High Torque Clamps with multiple take up points
- Up to 120 in-lbs of torque for greater sealing pressure

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

CUSTOM CONNECTIONS

Any size, any material.

Expanded Range LDC Couplings

- Connect similar and dissimilar 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



Western Series Center Stop Couplings & Bushings

Technical Data

- Center stop coupling with bushing inserts
- Bushings available for 4", 6" and 8" transitions of clay, cast iron, plastic and AC:
 - 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 series available



Bushings

Part Number	Size	Description
481-2.38	5.38" x 2.38"	Clay to PECl
481-3.38	5.38" x 3.38"	Clay to PECl
481-3.50	5.38" x 3.50"	Clay to Bead CI, PL or XHCI
481-4.25	5.38" x 4.25"	Clay to SDR-35 or PVC
481-4.38	5.38" x 4.39"	Clay to PECl or Bald CI (J)
481-4.50	5.38" x 4.50"	Clay to ABS or Sch. 40
481-4.63	5.38" x 4.63"	Clay to Bead CI or MEAC (C)
481-4.90	5.38" x 4.90"	Clay to RBAC or CI 150 DI (B)
681-6.38	7.98" x 6.37"	Clay to PECl or PVC (J)
681-6.63	7.98" x 6.62"	Clay to ABS, Bead CI or MEAC (C)
881-8.38	10.18" x 8.42"	Clay to PECl or PVC (J)
881-8.63	10.18" x 9.00"	Clay to ABS, Bead CI or MEAC
881-9.00	10.18" x 9.00"	Clay to RBAC or CI 150 DI (B)
885-8.38	9.00" x 8.42"	AC to PECl or PVC
885-8.63	9.00" x 8.64"	Clay to ABS, Bead CI or MEAC

Couplings

Part Number	Size	Description
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 to AC
1086-33	3.40" x 3.40"	CI or PL to CI or PL
1086-44	4.56" x 4.56"	CI or PL to CI or PL



Ultra Rib Couplings

Effectively connect sewer pipe



ETI to SDR-35 Plastic

A B C

Part Number	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

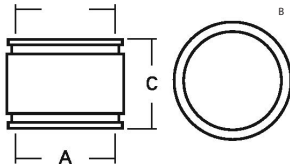


ETI to Asbestos Cement or Ductile Iron

A B C

Part Number	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

Flexible Couplings

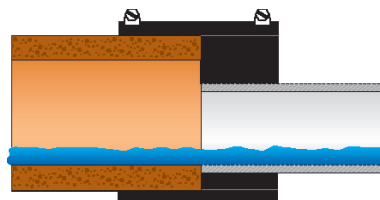


Eccentric Bushings & Couplings

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

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	1.86	1.61	1.95	1 1/2" PL, CI, Copper or ST
QC-102	2.34	1.94	2.48	2" PL, CI, Copper or ST or 1 1/2" Durion
QC-103	3.48	3.09	3.63	3" PL, CI, Copper or ST
QC-104	4.47	3.96	4.60	4" PL, CI, Copper, ST or Triple Wall
QC-105	5.57	5.03	5.85	5" PL, CI, Copper or ST or 4" Clay or Concrete
QC-106	6.63	6.13	6.83	6" PL, CI, Copper, ST or SS or 5" EC, OB, AC or Concrete
QC-108	8.63	7.70	9.11	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

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/in installation torque
- Soil tight seal

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.

CUSTOM
Any size, any material.



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.

Torque Wrenches

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

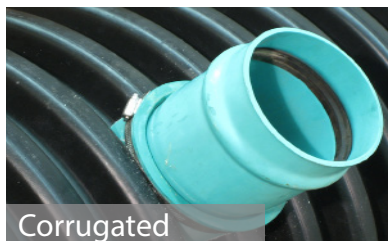


TW-100
Built-in reversing lever



TW-200
Finger grip reversing collar

Recommended for Fernco couplings and other banded Fernco products.



Corrugated



Concrete

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



Clay



SDR-35

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.



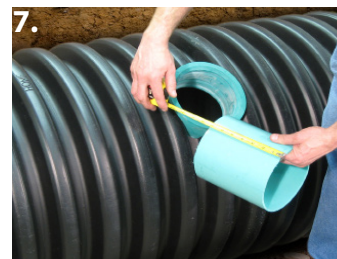
4. Pull up on QwikSeal until it stops against the inside of the pipe.



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 to 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.



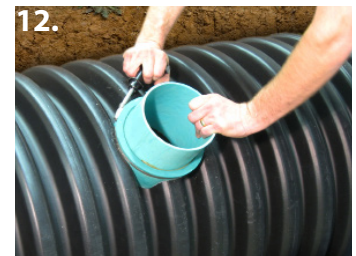
9. Lubricate the QwikSeal and pipe stub.



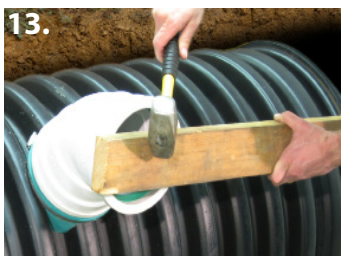
10. Start the pipe stub into the QwikSeal by hand.



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.



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. Pow-R Patch is simple, fast and delivers long-term solutions.

Technical Data

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

Part Number	Description
FP-P46	4" x 6" fiberglass and epoxy patch

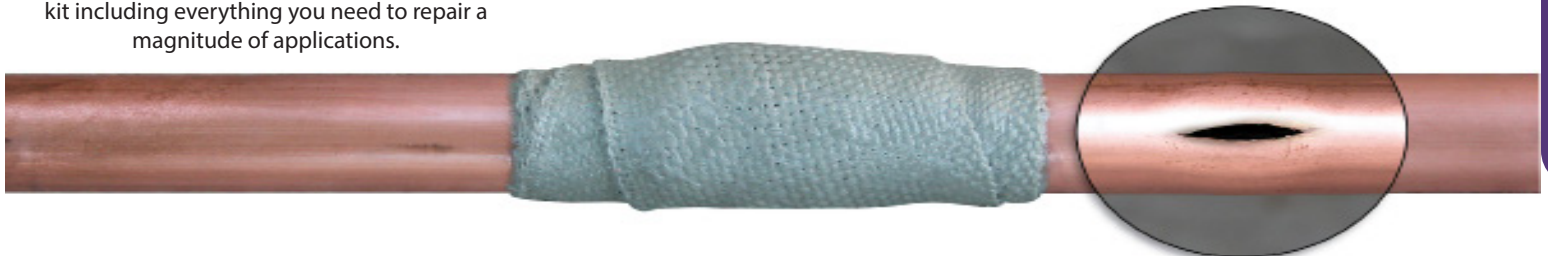


Pow-R Wrap is a water activated fiberglass wrap that permanently repairs wet or dry pipe and hose. Pow-R Wrap is a self-contained kit including everything you need to repair a magnitude of applications.

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 to structurally strengthen 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

ICON Pushfit

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



Simple, fast
pushfit
connection



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

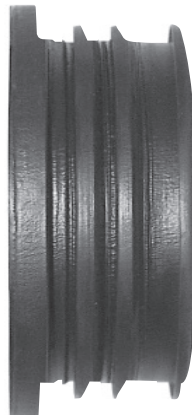


Multi-Tite Pipe Gaskets

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

CMAs and LDCMAs are corrosion proof and unaffected by acid or alkali, however may be subjected to various conditions that are beyond the manufacturer’s control. Discretion must be used in it’s application and installation. CMAs are designed for cast iron and plastic connections and the LDCMAs 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.

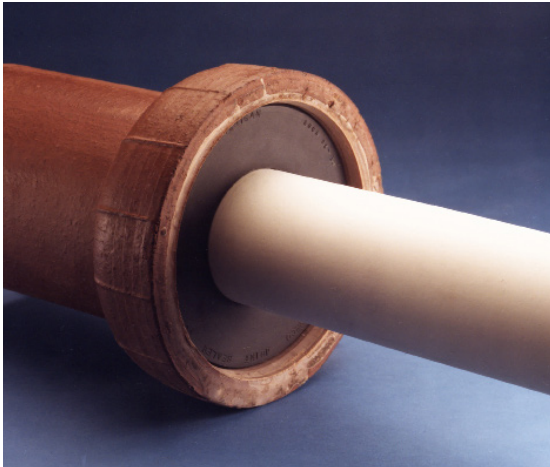
Fernco Donuts

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.

GIVE US A CALL. Our sales coordinators are trained to assist you in making the right part selection.

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



Internal Seals

O-Rings

Connects 4" house pipe to 6" sewer pipe

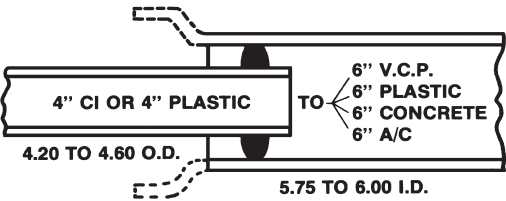
O-rings provide a quick, simple solution to create secure connections between most 4" house pipe and 6" sewer pipe.



Technical Data

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

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



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



Ultimate Drainage Solution

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

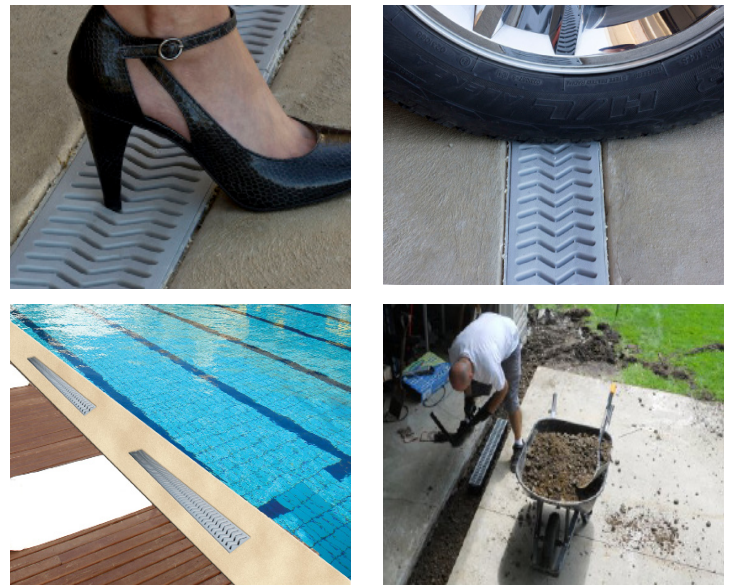
Technical Data

- 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



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

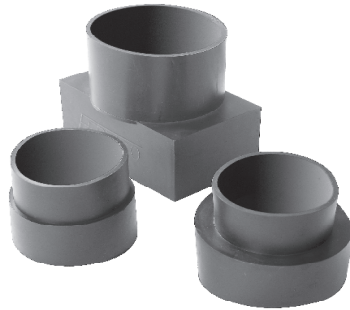
Ideal for driveways, patios, swimming pools, sports courts, gardens and more!

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

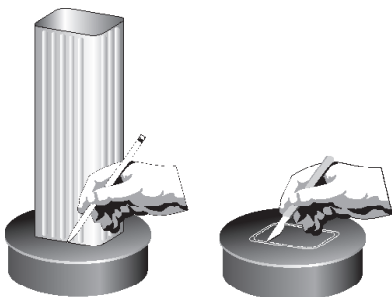


Universal Downspout Connectors

For the connection of standard and non-standard downspouts

The unique design of Fernco's Universal Downspout Connector allows for the connection of standard and non-standard downspouts to 6" sewer pipe and offset installations.

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



Trace-and-cut installation to fit specific downspouts

Technical Data

- Commercial and residential applications
- Will not shrink or crack
- Rot-proof
- Allows offset installation
- Simple trace-and-cut installation



UDSC-6C



UDSC-6P

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		

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	

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		

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		

1006 & 5006 Series Couplings

CONCRETE TO CAST IRON,
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	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	1006-1212LCB* 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		

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		

Waterworks 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. 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. Hydrosourc**
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.**
Orlando, FL
(407) 291-2341
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

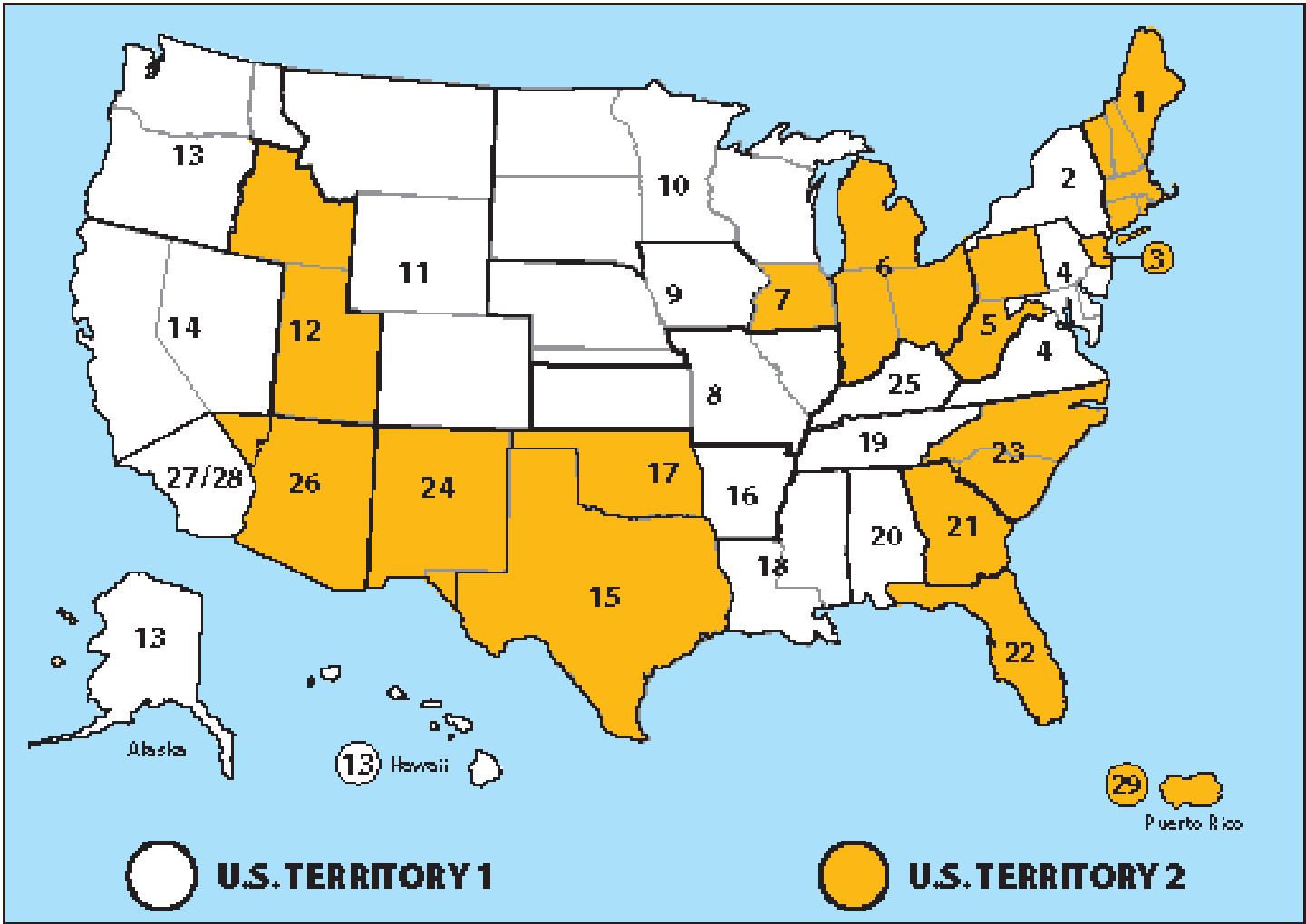
MEXICO

- 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 Map



Resources

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 Horizons 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

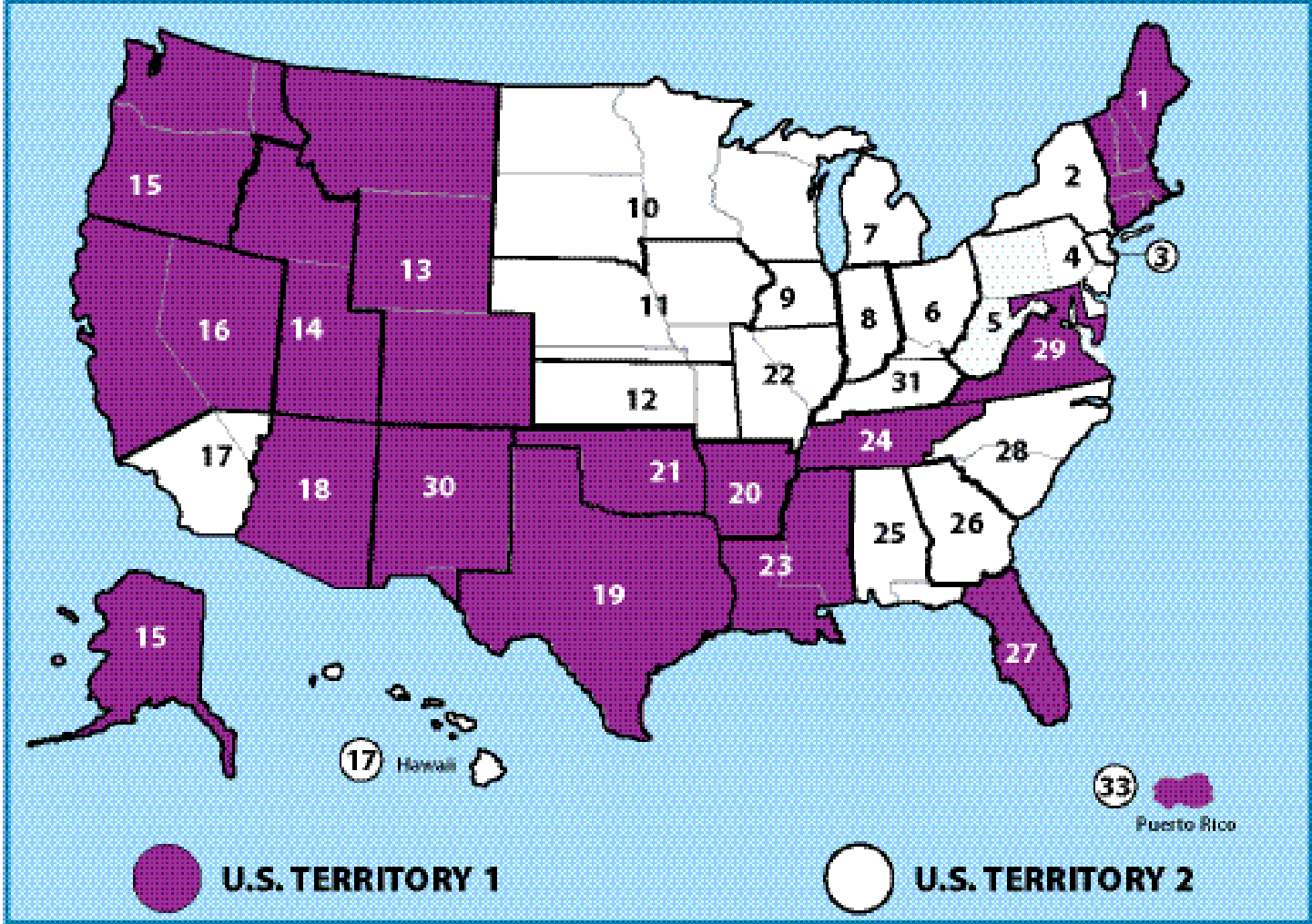
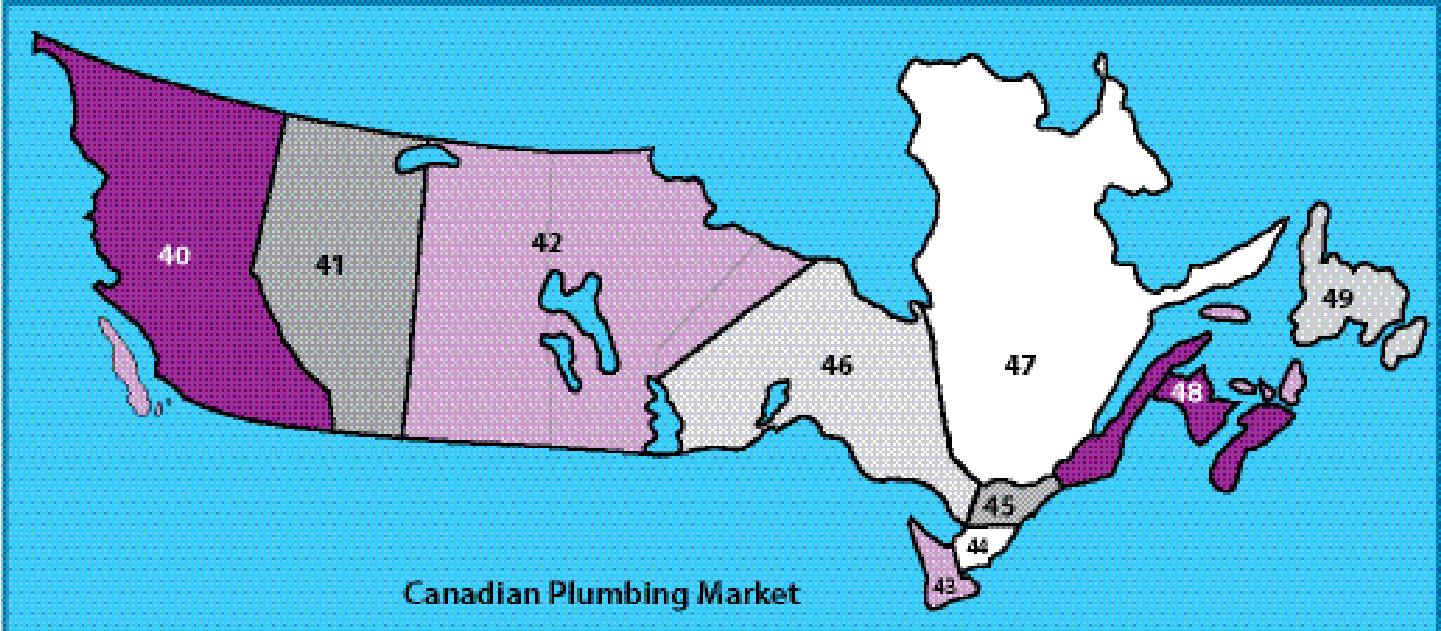
48. NerohTek Sales

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

49. Par Four Plumbing

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

Plumbing Market Sales Reps



Acid Resistance Chart

R - Recommended N - Not Recommended

Maximum test pressure: 4.3 PSI

Maximum operating temperature: 140° F non-consistent

Reagent	Flexible Coupling 70°F	Proflex 70°F
Acetic Acid 20%	R	R
Acetic Acid 80%	N	N
Acetone	N	N
Alcohol (Methyl or Ethyl)	R	R
Aluminum Chloride	R	R
Aluminum Sulfate	R	R
Alums	R	R
Ammonia Gas (Dry)	R	R
Ammonium Chloride	R	R
Ammonium Hydroxide	R	R
Ammonium Nitrate	R	R
Ammonium Phosphate	R	R
Ammonium Sulfate	R	R
Ammonium Sulfide	R	R
Amyl Chloride	N	N
Aniline	N	N
Aqua Regia	N	N
Barium Chloride	R	R
Barium Hydroxide	R	R
Barium Sulfate	R	R
Barium Sulfide	R	R
Beer	R	R
Beet Sugar Liquors	R	R
Benzene	N	N
Benzoic Acid	R	N
Black Liquor	R	R
Bleach 12.5% active Cl ₂	R	N
Boric Acid	R	R
Bromic Acid	R	N
Bromine Water	N	N
Butane	N	R
Butyric Acid	N	N
Calcium Carbonate	R	R
Calcium Chloride	R	R
Calcium Hydroxide	R	R
Calcium Hypochlorite	R	N
Calcium Sulfate	R	R
Cane Sugar Liquors	R	R
Carbon Bisulfide	N	N
Carbon Dioxide	R	R
Carbon Monoxide	R	R
Carbon Tetrachloride	N	N
Carbon Acid	R	R
Caustic Soda	R	N
Caustic Soda 50%	R	R
Caustic Potash	R	R
Chloride (Dry)	N	N
Chloride (Wet)	N	N
Chloroacetic Acid	N	N
Chlorobenzene	N	N
Chloroform	N	N
Chromic Acid 10%	R	N
Chromic Acid 50%	N	N
Citric Acid	R	R
Copper Chloride	R	R
Copper Cyanide	R	R
Copper Nitrate	R	R
Copper Sulfate	R	R
Cottonseed Oil	R	R
Cresol	N	N
Cyclohexanol	N	R
Cyclohexanone	N	N
Dimethylamine	N	N
Diethyl Phthalate	N	N

Reagent	Flexible Coupling 70°F	Proflex 70°F
Disodium Phosphate	N	N
Distilled Water	R	R
Ethers	N	N
Ethyl Acetate	N	N
Ethylene Chloride	N	N
Ethylene Glycol	R	R
Fatty Acids (C6)	R	R
Ferric Chloride	R	R
Ferric Sulfate	R	R
Fluorine (Gas Wet)	N	N
Formaldehyde (20%)	R	R
Formic Acid (10%)	R	R
Freon 12 Dry	N	R
Fruit Juices & Pulp	R	R
Furfural	N	N
Gasoline (Refined)	N	N
Glucose	R	R
Glycerine	R	R
Hydrobromic Acid (20%)	R	N
Hydrochloric Acid	R	N
Hydrocyanic Acid	R	R
Hydroquinone	R	N
Hypochlorous Acid	R	N
Iodine	N	N
Kerosene	N	N
Lactic Acid 25%	R	R
Linseed Oil	R	R
Liquors	N	N
Machine Oil	N	N
Magnesium Chloride	R	R
Magnesium Sulfate	R	R
Maleic Acid	N	N
Methyl Chloride	N	N
Methyl Ethyl Ketone	N	N
Milk	R	R
Mineral Oils	N	R
Muriatic Acid	R	N
Nickel Chloride	R	R
Nickel Sulfate	R	R
Nitric Acid 0-40%	R	N
Nitric Acid 41-100%	N	N
Oleic Acid	N	N
Oelum	N	N
Oxalic Acid	R	R
Palmitic Acid 10%	R	R
Perchloric Acid	N	N
Petroleum Oils (Sour)	N	N
Phenol 5%	N	N
Phosphorous Trichloride	N	N
Photographic Solutions	R	R
Picric Acid	N	N
Plating Solution	R	R
Potassium Carbonate	R	R
Potassium Chlorate	R	R
Potassium Chloride	R	R
Potassium Cyanide	R	R
Potassium Dichromate	R	R
Potassium Hydroxide	R	R
Potassium Permanganate 10%	R	R
Potassium Sulfate	R	R
Propane Gas	R	R
Propyl Alcohol	R	R
Sea Water	R	R
Sewage	R	R

Reagent	Flexible Coupling 70°F	Proflex 70°F
Silver Cyanide	R	R
Silver Nitrate	R	R
Silver Sulfate	R	R
Sodium Bicarbonate	R	R
Sodium Bisulfite	R	R
Sodium Carbonate	R	R
Sodium Cyanide	R	R
Sodium Ferrocyanide	R	R
Sodium Hydroxide	R	R
Sodium Hypochlorite	R	N
Sodium Sulfate	R	R
Sodium Sulfide	R	R
Sodium Sulfite	R	R
Sodium Thiosulfate	R	N
Stannic Chloride	R	N
Stannous Chloride	R	R
Stearic Acid	R	R
Sulfite Liquor S	R	R
ulfur	R	N
Sulfur Dioxide (Dry) \	R	N
Sulfur Dioxide (Wet)	R	N
Sulfuric Acid 50%	R	R
Sulfuric Acid 70%	N	N
Sulfuric Acid 93%	N	N
Sulfurous Acid	R	N
Tannic Acid	R	R
Tanning Liquors	R	R
Tartaric Acid	R	R
Toluene	N	N
Trichloroethylene	N	N
Triethanolamine	N	N
Trisodium Phosphate	R	R
Turpentine	N	N
Urea	R	R
Urine	R	R
Vinegar	R	R
Water (Fresh)	R	R
Water (Salt)	R	R
Whiskey	R	R
Wines	R	R
Xylene	N	N
Zinc Chloride	R	R
Zinc Sulfate	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.

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

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.





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