

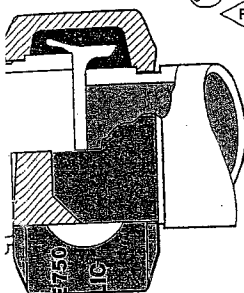
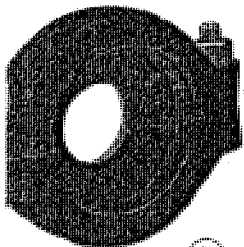
# Style 750 Reducing Coupling

## PRODUCT DESCRIPTION

The Style 750 Reducing Coupling permits direct reduction on the piping run. Designed to replace two couplings and a reduc-

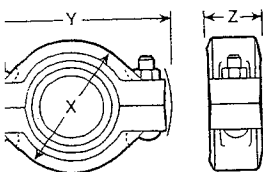
ing fitting, the Style 750 features a special reducing gasket for pressure responsive sealing. A steel washer which prevents telescoping

of the smaller pipe inside the larger pipe during vertical systems assembly is available upon request.



06.08-18

## Dimensions



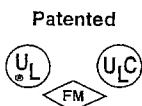
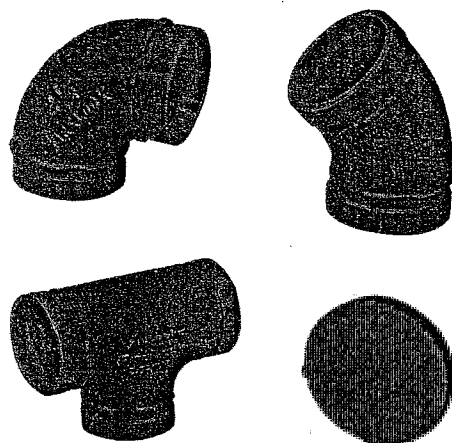
SIZE Nominal Inches Actual mm	Max. Work Pres. PSI* kPa	Max. End Load Lbs.* N	Allow. Pipe End † Sep. In. mm	Deflect. Fr. C <sub>L</sub> †		@ Bolt/Nut No. - Size Inches	Dimensions Inches/millimeters			Aprx. Wgt. Each Lbs. kg
				Per Cplg. Deg.	Pipe In./Ft. mm/m		X	Y	Z	
2 × 1 60,3 × 33,7	350 2410	1000 4450	0 - 0.07 0 - 1,8	0° - 57'	0.20 17	2 - 3/8 × 2	3.38 85	5.25 133	1.88 48	2.0 0.9
× 1 1/2 × 48,3	350 2410	1000 4450	0 - 0.07 0 - 1,8	0° - 57'	0.20 17	2 - 3/8 × 2	3.38 85	5.25 133	1.88 48	2.0 1.0
2 1/2 × 2 73,0 × 60,3	350 2410	1550 6900	0 - 0.07 0 - 1,8	0° - 47'	0.16 14	2 - 3/8 × 2	4.13 105	6.00 152	1.88 48	2.9 1,4
76,1 mm × 2 × 60,3	350 2410	1550 6900	0 - 0.07 0 - 1,8	0° - 47'	0.16 14	2 - 3/8 × 2	4.13 105	6.00 152	1.88 48	4.6 2,1
3 × 2 88,9 × 60,3	350 2410	1550 6900	0 - 0.07 0 - 1,8	0° - 39'	0.13 11	2 - 1/2 × 2 3/4	4.75 121	7.13 181	1.88 48	4.1 2,1
× 2 1/2 × 73,0	350 2410	2275 10125	0 - 0.07 0 - 1,8	0° - 39'	0.13 11	2 - 1/2 × 2 3/4	4.75 121	7.13 181	1.88 48	4.1 1,9
× 76,1 mm	350 2410	2275 10125	0 - 0.07 0 - 1,8	0° - 39'	0.13 11	2 - 1/2 × 2 3/4	4.75 121	7.13 181	1.88 48	4.8 2,2
4 × 2 114,3 × 60,3	350 2410	1550 6900	0 - 0.13 0 - 3,2	1° - 19'	0.28 25	2 - 5/8 × 3 1/4	6.25 159	8.88 225	2.25 57	8.8 4,0
× 2 1/2 × 73,0	350 2410	2275 10125	0 - 0.13 0 - 3,2	1° - 19'	0.28 25	2 - 5/8 × 3 1/4	6.25 159	8.88 225	2.25 57	8.3 3,8
× 3 × 88,9	350 2410	3365 14975	0 - 0.13 0 - 3,2	1° - 19'	0.28 25	2 - 5/8 × 3 1/4	6.25 159	8.88 225	2.25 57	6.6 3,0
4 1/2 × 127,0 × 76,1 mm	350 2410	2275 10125	0 - 0.13 0 - 3,2	1° - 19'	0.28 25	2 - 5/8 × 3 1/4	6.25 159	8.88 225	2.25 57	6.4 3,8
5 × 4 141,3 × 114,3	350 2410	5565 24765	0 - 0.13 0 - 3,2	1° - 3'	0.22 19	2 - 3/4 × 4 1/4	7.13 181	10.63 270	2.13 54	10.8 4,9
6 × 4 168,3 × 114,3	350 2410	5565 24765	0 - 0.13 0 - 3,2	0° - 52'	0.18 15	2 - 3/4 × 4 1/4	8.63 216	11.88 302	2.25 57	16.1 7,3
× 5 × 141,3	350 2410	8500 37825	0 - 0.13 0 - 3,2	0° - 52'	0.18 15	2 - 3/4 × 4 1/4	8.50 216	11.88 302	2.25 57	12.6 5,7
165,1 mm × 4 × 114,3	350 2410	5565 24765	0 - 0.13 0 - 3,2	0° - 55'	0.19 16	2 - 3/4 × 4 1/4	8.50 216	11.38 289	2.25 57	15.2 6,9
8 × 6 219,1 × 168,3	350 2410	12000 53400	0 - 0.13 0 - 3,2	0° - 38'	0.13 11	2 - 7/8 × 5	10.75 273	14.75 375	2.50 64	22.3 10,1

Refer to notes on page 2.

Style 750 Reducing couplings should not be used with end caps (#80) in systems where a vacuum may be developed.

Contact Victaulic for details.

## PRODUCT DESCRIPTION

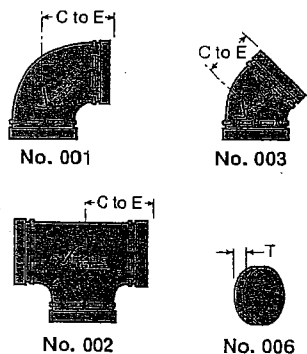


FireLock™ products comprise a unique system specifically designed for fire protection services. FireLock fittings are a CAD-developed, hydrodynamic design that has a shorter center-to-end dimension than standard fittings. A noticeable bulge allows the water to make a smoother turn to maintain similar flow characteristics as standard full flow fittings.

FireLock fittings are designed for use exclusively with Style 005 FireLock couplings. Use of other couplings or flange adapters may result in bolt pad interference.

Victaulic FireLock fittings pressure ratings conform to the ratings of Victaulic FireLock Style 005 couplings.

## DIMENSIONS

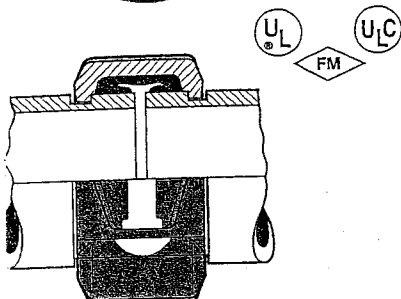
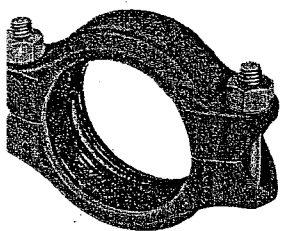


10.03-1A

SIZE Nominal Inches Actual mm	No. 001 90° Elbow		No. 003 45° Elbow		No. 002 Straight Tee		No. 006 Cap	
	C to E Inches mm	Aprx. Weight Each Lbs./kg	C to E Inches mm	Aprx. Weight Each Lbs./kg	C to E Inches mm	Aprx. Weight Each Lbs./kg	Thickness "T" Inches mm	Aprx. Weight Each Lbs./kg
1¼ 42,2	—	—	—	—	—	—	0.82 21	0.3 0.1
1½ 48,3	—	—	—	—	—	—	0.82 21	0.4 0.2
2 60,3	2.75 70	1.7 0.8	2.00 51	1.8 0.8	2.75 70	2.4 1.1	0.88 22	0.6 0.3
2½ 73,0	3.00 76	3.1 1.4	2.25 57	2.2 1.0	3.00 76	3.6 1.6	0.88 22	1.0 0.5
76,1 mm	3.00 76	3.30 1.5	2.25 57	2.4 1.1	—	—	—	—
3 88,9	3.38 86	4.0 1.8	2.50 64	3.1 1.4	3.38 86	5.3 2.4	0.88 22	1.2 0.5
4 114,3	4.00 102	6.7 3.0	3.00 76	5.6 2.5	4.00 102	8.7 3.9	1.00 25	2.4 1.1
5 141,3	4.88 124	12.6 5.7	3.25 83	8.3 3.8	4.88 124	15.7 7.1	1.00 25	4.1 1.9
6 168,3	5.50 140	18.3 8.3	3.50 89	11.7 5.3	5.50 140	22.7 10.3	1.00 25	5.9 2.7
8 219,1	6.81 173	25.5 11.6	4.25 108	20.4 9.3	6.94 176	38.7 17.6	1.13 29	12.7 5.8

# Style 75 Coupling

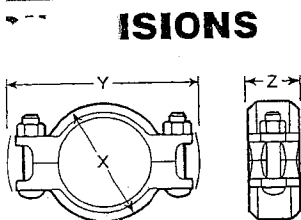
## PRODUCT DESCRIPTION



Style 75 is available where moderate pressures are expected or weight considerations are a factor. Up to 50% lighter in weight than

the Style 77, the Style 75 coupling is recommended for service up to 500 PSI (3450 kPa) depending on size. Housings are cast in

two identical pieces in all sizes. Hot-dip galvanized and special coatings are available for all sizes.



06.05-1C

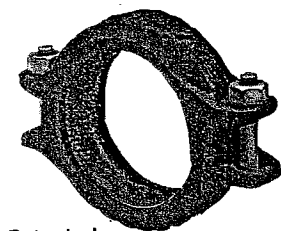
SIZE Nominal Inches Actual mm	Max. Work Pres. PSI* kPa	Max. End Load Lbs.* N	Allow. Pipe End † Sep. In./mm	Deflect. Fr. C <sub>L</sub> †		@ Bolt/Nut No. - Size Inches mm	Dimensions Inches/millimeters			Aprx. Wgt. Each Lbs. kg
				Per Cplg. Deg.	Pipe In./Ft. mm/m		X	Y	Z	
1 33.4	500 3450	680 3025	0 - 0.06 0 - 1.6	2° - 43'	0.57 48	2 - 3/8 × 2	2.38 61	4.27 108	1.77 45	1.3 0.6
1 1/4 42.2	500 3450	1080 4805	0 - 0.06 0 - 1.6	2° - 10'	0.45 38	2 - 3/8 × 2	2.68 68	4.61 117	1.77 45	1.4 0.6
1 1/2 48.3	500 3450	1,420 6320	0 - 0.06 0 - 1.6	1° - 56'	0.40 33	2 - 3/8 × 2	2.91 74	4.82 122	1.77 45	1.5 0.6
2 60.3	500 3450	2,215 9860	0 - 0.06 0 - 1.6	1° - 31'	0.32 26	2 - 3/8 × 2	3.43 87	5.22 133	1.88 48	1.7 0.8
2 1/2 73.0	500 3450	3,245 14440	0 - 0.06 0 - 1.6	1° - 15'	0.26 22	2 - 3/8 × 2	3.88 98	5.68 144	1.88 48	1.9 0.9
3 O.D. 76.1	500 3450	3,535 15730	0 - 0.06 0 - 1.6	1° - 12'	0.26 22	2 - 3/8 × 2	4.00 102	5.90 150	1.88 48	1.9 0.9
3 88.9	500 3450	4,800 21360	0 - 0.06 0 - 1.6	1° - 2'	0.22 18	2 - 1/2 × 2 3/4	4.50 114	7.00 178	1.88 48	2.9 1.3
3 1/2 101.6	500 3450	6,300 28035	0 - 0.06 0 - 1.6	0° - 54'	0.19 16	2 - 1/2 × 2 3/4	5.00 127	7.50 191	1.88 48	2.9 1.3
4 114.3	500 3450	7,950 35380	0 - 0.13 0 - 3.2	1° - 36'	0.34 28	2 - 1/2 × 2 3/4	5.80 147	8.03 204	2.13 54	4.1 1.9
4 1/4 O.D. 108.0	450 3100	6,380 28395	0 - 0.13 0 - 3.2	1° - 41'	0.35 29	2 - 12 × 70.0	5.55 141	7.79 198	2.13 54	3.7 1.7
4 1/2 127.0	450 3100	8,820 39250	0 - 0.13 0 - 3.2	1° - 26'	0.25 21	2 - 3/8 × 3 1/4	6.13 156	9.43 240	2.13 54	5.5 2.5
5 141.3	450 3100	10,935 48660	0 - 0.13 0 - 3.2	1° - 18'	0.27 23	2 - 3/8 × 3 1/4	6.88 175	10.07 256	2.13 54	5.8 2.6
5 1/4 O.D. 133.0	450 3100	9,735 43325	0 - 0.13 0 - 3.2	1° - 21'	0.28 24	2 - 16 × 82.5	6.55 166	9.37 238	2.13 54	6.0 2.7
5 1/2 O.D. 139.7	450 3100	10,665 47460	0 - 0.13 0 - 3.2	1° - 18'	0.28 24	2 - 3/8 × 3 1/4	6.80 173	9.59 244	2.13 54	6.3 2.9
6 O.D. 152.4	450 3100	12,735 56670	0 - 0.13 0 - 3.2	1° - 12'	0.21 18	2 - 3/8 × 3 1/4	7.38 187	10.48 266	1.88 48	6.2 2.8
6 168.3	450 3100	15,525 69085	0 - 0.13 0 - 3.2	1° - 5'	0.23 18	2 - 3/8 × 3 1/4	8.00 203	11.07 281	2.13 54	7.0 3.2
6 1/4 O.D. 159.0	450 3100	13,800 61405	0 - 0.13 0 - 3.2	1° - 9'	0.24 20	2 - 16 × 82.5	7.63 194	10.49 266	2.13 54	6.8 3.1

Table continued on page 2.

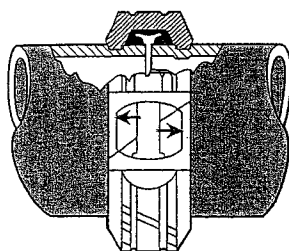
\*† Refer to notes on page 2.

## Style 07 Zero-Flex® Rigid Coupling

### PRODUCT DESCRIPTION



Patented



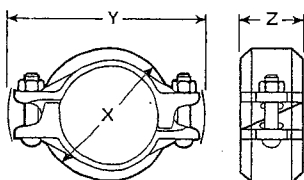
The unique angle-pad design of the Zero-Flex® Style 07 coupling adjusts to standard pipe and roll or cut groove tolerances, positively clamping the pipe to resist flexural and torsional loads. Wider key section fills more of the groove area.

Style 07 couplings are rated up to 750 PSI (5175 kPa),

dependant on size, for 1 - 24" (33.4 - 609.6 mm) piping systems. Style 07 couplings provide rigidity for valve connections, machinery rooms, fire mains, and long straight runs. Support and hanging requirements correspond to ANSI B31.1 Power Piping Code, ANSI B31.9-Building Services

Code and NFPA 13 Sprinkler Systems. Angle-pad design permits assembly by removing one nut/bolt and scissoring housing over gasket. Reduces the number of components to handle during assembly, speeds and eases installation.

### DIMENSIONS



Typical 1 - 12"

06.02-1B

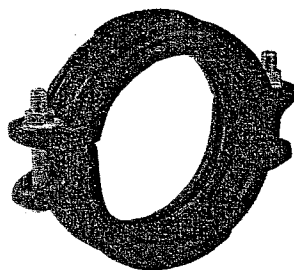
SIZE Nominal Inches Actual mm	Max. Work Press. PSI* kPa	Max. End Load Lbs.* N	Allow. Pipe End # Sep. In. mm	@ Bolt/Nut No. - Size Inches mm	Dimensions Inches/millimeters			Aprx. Wgt. Each Lbs. kg
					X	Y	Z	
1 33.4	750 5175	650 2890	0.05 1.2	2 - 3/8 x 2	2.36 60	4.22 107	1.84 47	1.6 0.7
1 1/4 42.2	750 5175	1,620 7210	0.05 1.2	2 - 3/8 x 2	2.69 68	4.62 117	1.84 47	1.6 0.7
1 1/2 48.3	750 5175	2,130 9480	0.05 1.2	2 - 3/8 x 2	2.94 75	5.81 148	1.84 47	1.6 0.7
2 60.3	750 5175	3,320 14775	0.07 1.7	2 - 1/2 x 2 1/2	3.35 85	5.78 147	1.84 47	2.3 1.0
2 1/2 73.0	750 5175	4,875 21695	0.07 1.7	2 - 1/2 x 2 3/4	3.88 98	6.38 162	1.84 47	2.6 1.2
3 O.D. 76.1	750 5175	5,300 23585	0.07 1.7	2 - 12 x 70.0	4.21 107	6.61 168	1.84 47	3.6 1.6
3 88.9	750 5175	7,215 32105	0.07 1.7	2 - 1/2 x 2 1/2	4.54 115	6.81 173	1.84 47	3.0 1.4
4 114.3	750 5175	11,925 53065	0.16 4.1	2 - 1/2 x 2 3/4	5.81 148	8.21 209	2.07 53	5.3 2.4
4 1/4 O.D. 108.0	750 5175	10,635 47325	0.16 4.1	2 - 12 x 70.0	5.56 141	7.98 203	2.07 53	5.2 2.4
5 141.3	750 5175	18,225 81100	0.16 4.1	2 - 3/4 x 3 1/4	7.03 179	9.89 251	2.07 53	7.4 3.4
5 1/4 O.D. 133.0	700 4825	15,145 67395	0.16 4.1	2 - 16 x 82.5	6.69 170	9.60 244	2.07 53	7.4 3.4
5 1/2 O.D. 139.7	700 4825	16,625 73980	0.16 4.1	2 - 16 x 82.5	6.94 176	9.82 249	2.07 53	7.6 3.4
6 168.3	700 4825	24,130 107380	0.16 4.1	2 - 3/4 x 3 1/4	8.26 210	10.83 275	2.07 53	8.3 3.8
6 1/4 O.D. 159.0	700 4825	21,465 95520	0.16 4.1	2 - 16 x 82.5	7.84 199	10.54 268	2.07 53	9.2 4.2
6 1/2 O.D. 165.1	700 4825	23,225 103305	0.16 4.1	2 - 3/4 x 3 1/4	8.13 207	10.84 275	2.07 53	8.3 3.8

Table continued on page 2.

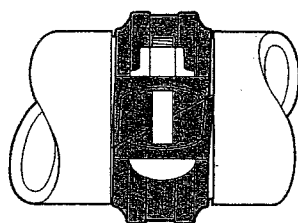
\*#0 Refer to notes on page 2.

**Style 005  
FireLock™  
Rigid Coupling**  
with Vic-Plus™ Gasket System

**PRODUCT DESCRIPTION**



Patented



FireLock™ Style 005 rigid coupling has a unique, patented angle-pad design which allows the housings to offset while clamping the grooves. By permitting the housings to slide on the angled bolt pads, rigidity is obtained.

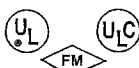
The FireLock couplings provide rigidity for valve connections, fire mains and long straight runs. Support and hanging requirements correspond to NFPA 13

Sprinkler Systems. Angle-pad design permits assembly by removing one nut/bolt and swinging the housing over the gasket. This reduces components to handle during assembly; speeds and eases installation on pipe grooved to Victaulic specifications.

**Style 005 FireLock couplings with the Vic-Plus™ Gasket System are designed and recommended for use**

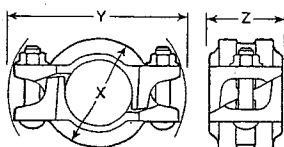
**ONLY on fire protection systems.**

**Vic-Plus Gasket System:** Victaulic® now offers a gasket system which requires no field lubrication. The Vic-Plus™ System (patent pending) is dry, clean, and non-toxic. It reduces assembly time substantially and eliminates the mess and chance of over-lubrication.



§ LPC and VdS Approved, see notes on page 2.

**DIMENSIONS**



Rated for wet and dry sprinkler systems at 350 PSI (2413 kPa) for 1¼ - 4" (42,4 - 114,3 mm) sizes and 300 PSI (2068 kPa) for 4¼ - 8" (108,0 - 219,1 mm) sizes; Schedule 10 roll grooved or Schedule 40 cut or roll grooved steel pipe. Style 005 is rigid and does not accommodate expansion, contraction or angular deflection.

10.02-1D

SIZE Nominal Inches Actual mm	Max. Work. Press. § PSI*/kPa	Max. End Load Lbs.*/N	Allow. Pipe End Sep. † In./mm	@ Bolt/Nut No. - Size Inches/mm	Dimensions Inches/mm			Aprx. Wgt. Ea. Lbs./kg
					X	Y	Z	
1¼ 42,4	350 2413	755 3370	0.05 1,2	2 - ¾ × 2	2.75 70	4.50 114	1.88 148	1.2 0,5
1½ 48,3	350 2413	990 4415	0.05 1,2	2 - ¾ × 2	3.00 76	4.75 121	1.88 148	1.2 0,5
2 60,3	350 2413	1550 6900	0.07 1,7	2 - ¾ × 2½	3.50 89	5.25 133	1.88 148	1.6 0,7
2½ 73,0	350 2413	2270 10110	0.07 1,7	2 - ¾ × 2½	4.00 102	5.75 146	1.88 148	1.9 0,9
76,1 mm	350 2413	2475 11010	0.07 1,7	2 - ¾ × 2½	4.13 105	5.75 146	1.88 148	1.9 0,9
3 88,9	350 2413	3365 14985	0.07 1,7	2 - ¾ × 2½	4.63 118	6.13 156	1.88 148	2.1 1,0
4 114,3	350 2413	5565 24770	0.16 4,1	2 - ¾ × 2½	5.75 146	7.25 184	2.13 54	3.1 1,4
108,0 mm	300 2068	4255 18940	0.16 4,1	2 - ¾ × 2½	5.63 143	7.25 184	2.13 54	3.1 1,4
5 141,3	300 2068	7290 32445	0.16 4,1	2 - ½ × 2¾	6.88 175	9.00 229	2.13 54	4.5 2,0
133,0 mm	300 2068	6495 28900	0.16 4,1	2 - ½ × 2¾	6.63 168	9.00 229	2.13 54	4.5 2,0
139,7 mm	300 2068	7125 31715	0.16 4,1	2 - ½ × 2¾	6.88 175	9.00 229	2.13 54	4.8 2,2
6 168,3	300 2068	10340 46020	0.16 4,1	2 - ½ × 2¾	8.00 203	10.00 254	2.13 54	5.0 2,3
159,0 mm	300 2068	9200 40955	0.16 4,1	2 - ¾ × 4¼	7.63 194	10.00 254	2.13 54	5.5 2,5
165,1 mm	300 2068	9955 44295	0.16 4,1	2 - ½ × 2¾	8.15 207	10.00 254	2.13 54	5.5 2,5
8 219,1	300 2068	17525 78000	0.19 4,8	2 - ¾ × 4¼	10.50 267	13.13 334	2.63 67	11.3 5,1

\* @ § † Refer to notes on page 2.