

Pressure Ratings and End Loads for Victaulic Ductile Iron Grooved Couplings on Stainless Steel Pipe

PERFORMANCE

For Plain End coupling performance refer to Section 14.06.



Style 07 Zero-Flex Rigid Coupling



Style 77 Flexible Coupling



Style 75 Standard Coupling



Style 741 Vic-Flange® Adapter

Pipe Size		Pipe Inches/millimeters			Style 07 Maximum		Style 77 Maximum		Style 75 Maximum		Style 741 Maximum	
Nominal Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
3/4 20	1.050 26,9	0.154 3,91	80S	C	NOT APPLICABLE		750 5175	650 2890	NOT APPLICABLE			
		0.113 2,87	40S	R/C			750 5175	650 2890				
		0.083 2,11	10S	R			500 3450	440 1960				
		0.065 1,65	5S	R			500 3450	440 1960				
1 25	1.315 33,7	0.179 4,55	80S	C	750 5175	1020 4540	750 5175	1020 4540	NOT APPLICABLE			
		0.133 3,38	40S	R/C	750 5175	1020 4540	750 5175	1020 4540				
		0.109 2,77	10S	R	500 3450	680 3030	500 3450	680 3030				
		0.065 1,65	5S	R	400 2750	545 2425	400 2750	545 2425				
1 1/4 32	1.660 42,4	0.191 4,85	80S	C	750 5175	1620 7220	750 5175	1620 7220	NOT APPLICABLE			
		0.140 3,56	40S	R/C	750 5175	1620 7220	750 5175	1620 7220				
		0.109 2,77	10S	R	500 3450	1080 4805	500 3450	1080 4805				
		0.065 1,65	5S	R	400 2750	865 3850	400 2750	865 3850				
1 1/2 40	1.900 48,3	0.200 5,08	80S	C	750 5175	2130 9480	750 5175	2130 9465	500 3450	1420 6320	NOT APPLICABLE	
		0.145 3,68	40S	R/C	750 5175	2130 9480	750 5175	2130 9480	500 3450	1420 6320		
		0.109 2,77	10S	R	500 3450	1420 6320	500 3450	1420 6320	500 3450	1420 6320		
		0.065 1,65	5S	R	400 2750	1135 5050	400 2750	1135 5050	400 2750	1135 5050		
2 50	2.375 60,3	0.218 5,54	80S	C	750 5175	3320 14775	750 5175	3320 14775	500 3450	2215 9865	275 1896	1220 5430
		0.154 3,91	40S	R/C	750 5175	3320 14775	750 5175	3320 14775	500 3450	2215 9865	275 1896	1220 5430
		0.109 2,77	10S	R	500 3450	2215 9865	500 3450	2215 9865	400 2750	1770 7875	275 1896	1220 5430
		0.065 1,65	5S	R	325 2241	1440 6410	325 2241	1440 6410	250 1725	1110 4940	175 1206	775 3450

Table continued on page 2.

##Refer to notes on page 4.



Style 07 Zero-Flex Rigid Coupling



Style 77 Flexible Coupling



Style 75 Standard Coupling



Style 741 Vic-Flange® Adapter

Pipe Size		Pipe Inches/millimeters			Style 07		Style 77		Style 75		Style 741	
Nominal Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Maximum		Maximum		Maximum		Maximum	
					Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
2 1/2 65	2.875 73,0	0.276 7,01	80S	C	750 5175	4875 21695	750 5175	4875 21695	500 3450	3245 14440	275 1896	1785 7945
		0.203 5,16	40S	R/C	750 5175	4875 21695	750 5175	4875 21695	500 3450	3245 14440	275 1896	1785 7945
		0.120 3,05	10S	R	500 3450	3245 14440	500 3450	3245 14440	400 2750	2600 11670	275 1896	1785 7945
		0.083 2,11	5S	R	325 2241	2110 9390	325 2241	2110 9390	250 1725	1625 7230	175 1206	1135 5050
76,1 mm	3.000 76,1	0.250 6,35	–	C	750 5175	5300 23585	750 5175	5300 23585	500 3450	3530 15700	NOT APPLICABLE	
		0.120 3,05	–	R	500 3450	3535 15730	500 3450	3535 15730	400 2750	2830 12595		
		0.083 2,11	–	R	325 2241	2300 10235	325 2241	2300 10235	250 1725	1770 7875		
3 80	3.500 88,9	0.300 7,62	80S	C	750 5175	7215 32105	750 5175	7215 32105	500 3450	4800 21360	275 1896	2645 11770
		0.216 5,49	40S	R/C	750 5175	7215 32105	750 5175	7215 32105	500 3450	4800 21360	275 1896	2645 11770
		0.120 3,05	10S	R	500 3450	4800 21360	500 3450	4800 21360	400 2750	3850 17130	275 1896	2645 11770
		0.083 2,11	5S	R	325 2241	3125 13905	325 2241	3125 13905	250 1725	2405 10700	175 1206	1685 7500
3 1/2 90	4.000 101,6	0.318 8,08	80S	C	NOT APPLICABLE		750 5175	9420 41920	500 3450	6300 28035	NOT APPLICABLE	
		0.226 5,74	40S	R/C			750 5175	9420 41920	500 3450	6300 28035		
		0.120 3,05	10S	R			450 3100	5655 25165	350 2410	4400 19580		
		0.083 2,11	5S	R			300 2065	3770 16775	225 1551	2830 12595		
4 100	4.500 114,3	0.337 8,56	80S	C	750 5175	11930 53090	750 5175	11930 53090	500 3450	7950 35380	275 1896	4375 19470
		0.237 6,02	40S	R/C	750 5175	11930 53090	750 5175	11930 53090	500 3450	7950 35380	275 1896	4375 19470
		0.120 3,05	10S	R	400 2750	6360 28300	400 2750	6360 28300	300 2065	4770 21225	275 1896	4375 19470
		0.083 2,11	5S	R	250 1725	3975 17690	250 1725	3975 17690	200 1375	3180 14150	175 1206	2785 12395
139,7 mm	5.500 139,7	0.258 6,55	–	C	750 5175	17820 79300	750 5175	17820 79300	450 3100	10700 47615	NOT APPLICABLE	
		0.258 6,55	–	R	500 3450	11880 52865	500 3450	11880 52865	300 2065	7130 31730		
		0.134 3,40	–	R	300 2065	7130 31730	300 2065	7130 31730	200 1375	4750 21140		
		0.109 2,77	–	R	200 1375	4750 21140	200 1375	4750 21140	125 862	2970 13215		
5 125	5,563 141,3	0.258 6,55	40S	C	750 5175	18225 81100	750 5175	18225 81100	450 3100	10935 48660	250 1725	6075 27035
		0.258 6,55	40S	R	500 3450	12155 54090	500 3450	12155 54090	300 2065	7290 32440	250 1725	6075 27035
		0.134 3,40	10S	R	300 2065	7290 32440	300 2065	7290 32440	200 1375	4860 21625	200 1375	4050 18025
		0.109 2,77	5S	R	200 1375	4860 21625	200 1375	4860 21625	125 862	3040 13530	125 862	3040 13530

Table continued on page 3.

#*Refer to notes on page 4.



Style 07 Zero-Flex Rigid Coupling



Style 77 Flexible Coupling



Style 75 Standard Coupling



Style 741 Vic-Flange® Adapter

Pipe Size		Pipe Inches/millimeters			Style 07		Style 77		Style 75		Style 741	
Nominal Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
165,1 mm	6.500 165,1	0.280 7,11	–	C	700 4825	23230 103375	750 5175	24900 110805	450 3100	14930 66440	250 1725	8300 36935
		0.280 7,11	–	R	450 3100	14930 66440	500 3450	14930 66440	300 2065	9955 44300	150 1034	4975 22140
		0.134 3,40	–	R	200 1375	6635 29525	200 1375	6635 29525	125 862	4150 18470	125 862	4150 18470
		0.109 2,77	–	R	125 862	4150 18470	125 862	4150 18470	75 517	2490 11080	75 517	2490 11080
6 150	6.625 168,3	0.280 7,11	40S	C	700 4825	24130 107380	750 5175	25850 115030	450 3100	15525 69085	250 1725	8625 38380
		0.280 7,11	40S	R	450 3100	15515 69040	500 3450	17235 76695	300 2065	10340 46015	150 1034	5170 23005
		0.134 3,40	10S	R	200 1375	6895 30685	200 1375	6895 30685	125 862	4310 19180	125 862	4310 19180
		0.109 2,77	5S	R	125 862	4310 19180	125 862	4310 19180	75 517	2585 11505	75 517	2585 11505
8 200	8.625 219,1	0.322 8,18	40S	C	600 4130	35055 155995	600 4130	35055 155995	450 3100	26280 116945	200 1375	11680 51975
		0.322 8,18	40S	R	400 2750	23370 103995	400 2750	23370 103995	300 2065	19720 87755	125 862	7300 32485
		0.148 3,76	10S	R	125 862	7300 32485	125 862	7300 32485	75 517	4380 19490	N/R	N/R
		0.109 2,77	5S	R	75 517	4380 19490	75 517	4380 19490	50 345	2920 12995	N/R	N/R
10 250	10.750 273,0	0.365 9,27	40S	C	500 3450	45400 202030	600 4130	54400 242080	NOT APPLICABLE		200 1375	18160 80810
		0.365 9,27	40S	R	325 2241	29500 131275	400 2750	36300 161535			125 862	11345 50485
		0.165 4,19	10S	R	75 517	6810 30305	75 517	6810 30305			N/R	N/R
		0.134 3,40	5S	R	50 345	4540 20205	50 345	4540 20205			N/R	N/R
12 300	12.750 323,9	0.375 9,53	40S	C	400 2750	51000 226950	600 4130	76600 340870	NOT APPLICABLE		200 1375	25500 113475
		0.375 9,53	40S	R	250 1725	31900 141955	400 2750	51000 226950			125 862	15960 71020
		0.180 4,57	10S	R	125 862	15960 71020	125 862	15960 71020			N/R	N/R
		0.156 3,96	5S	R	75 517	9575 42610	75 517	9575 42610			N/R	N/R
14 350	14.000 355,6	0.375 9,53	STD	C	250 1725	38500 171325	250 1725	38500 171325	NOT APPLICABLE		250 1725	38500 171325
		0.375 9,53	STD	R	150 1034	23100 102795	150 1034	23100 102795			150 1034	23100 102795
		0.250 6,35	10	R	100 690	15400 68530	100 690	15400 68530			100 690	15400 68530
		0.188 4,77	10S	R	50 345	7700 34265	50 345	7700 34265			50 345	7700 34265
		0.156 3,96	5S	R	40 276	6160 27412	40 276	6160 27412			40 276	6160 27412

Table continued on page 4.

**Refer to notes on page 4.



Style 07 Zero-Flex Rigid Coupling



Style 77 Flexible Coupling



Style 75 Standard Coupling



Style 741 Vic-Flange® Adapter

Pipe Size		Pipe Inches/millimeters			Style 07 Maximum		Style 77 Maximum		Style 75 Maximum		Style 741 Maximum	
Nominal Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
16 400	16.000 406,4	0.375 9,53	STD	C	200 1375	40200 178890	200 1375	40200 178890	NOT APPLICABLE		200 1375	40200 178890
		0.375 9,53	STD	R	125 862	25150 111920	125 862	25150 111920			125 862	25150 111920
		0.250 6,35	10	R	85 586	17100 76095	85 586	17100 76095			85 586	17100 76095
		0.188 4,77	10S	R	45 310	9050 40273	45 310	9050 40273			45 310	9050 40273
		0.165 4,19	5S	R	35 241	7050 31373	35 241	7050 31373			35 241	7050 31373
18 450	18.000 457,0	0.375 9,53	STD	C	175 1206	44550 198250	175 1206	44550 198250	NOT APPLICABLE		175 1206	44550 198250
		0.375 9,53	STD	R	100 690	25500 113475	100 690	25500 113475			100 690	25500 113475
		0.250 6,35	10	R	75 517	19100 84995	75 517	19100 84995			75 517	19100 84995
		0.188 4,77	10S	R	40 276	10200 45390	40 276	10200 45390			40 276	10200 45390
		0.165 4,19	5S	R	30 207	7650 34043	30 207	7650 34043			30 207	7650 34043

##Refer to notes below.

NOTES

* Working Pressure and End Load are total, from all internal and external loads, based on stainless steel pipe, roll grooved with Victaulic rolls in accordance with Victaulic specifications. "RX" rolls must be used for Schedules 5S, 10S and 10. Standard rolls should be used for Schedule 40S and Standard Weight pipe. Contact Victaulic for performance on other pipe or cut grooved pipe.

Pipe wall thickness schedule as established in ANSI Standard B36.19.

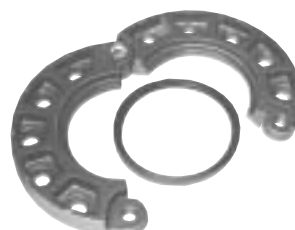
WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1½ times the figures shown.

Metric thread size bolts are available (color coded gold) for all coupling sizes upon request. Contact Victaulic for details.

WARNING: Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.

This product shall be manufactured by Victaulic Company. All products shall be installed in accordance with current Victaulic installation/assembly instructions.

Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.



Style 78 Snap-Joint® Coupling

Style 791 Vic-Boltless® Coupling

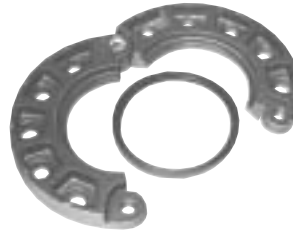
Style 743 Vic-Flange® Adapter

Style HP-70 Rigid Coupling

Pipe Size		Pipe Inches/millimeters			Style 78 Maximum		Style 791 Maximum		Style 743 Maximum		Style HP-70 Maximum	
Nom. Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
1 25	1.315 33,7	0.179 4,55	80S	C	300 2065	410 1825	NOT APPLICABLE					
		0.133 3,38	40S	R/C	300 2065	410 1825						
		0.109 2,77	10S	R	300 2065	410 1825						
		0.065 1,65	5S	R	300 2065	410 1825						
1 1/4 32	1.660 42,4	0.191 4,85	80S	C	300 2065	650 2890	NOT APPLICABLE					
		0.140 3,56	40S	R/C	300 2065	650 2890						
		0.109 2,77	10S	R	300 2065	650 2890						
		0.065 1,65	5S	R	300 2065	650 2890						
1 1/2 40	1.900 48,3	0.200 5,08	80S	C	300 2065	850 3780	NOT APPLICABLE					
		0.145 3,68	40S	R/C	300 2065	850 3780						
		0.109 2,77	10S	R	300 2065	850 3780						
		0.065 1,65	5S	R	300 2065	850 3780						
2 50	2.375 60,3	0.218 5,54	80S	C	300 2065	1330 5920	300 2065	1330 5920	400 2750	1775 7900	750 5175	3320 14775
		0.154 3,91	40S	R/C	300 2065	1330 5920	300 2065	1330 5920	400 2750	1775 7900	750 5175	3320 14775
		0.109 2,77	10S	R	300 2065	1330 5920	300 2065	1330 5920	400 2750	1775 7900	500 3450	2215 9855
		0.065 1,65	5S	R	200 1375	885 3940	200 1375	885 3940	250 1725	1110 4940	325 2241	1440 6410
2 1/2 65	2.875 73,0	0.276 7,01	80S	C	300 2065	1950 8680	300 2065	1950 8680	400 2750	2600 11670	750 5175	4875 21690
		0.203 5,16	40S	R/C	300 2065	1950 8680	300 2065	1950 8680	400 2750	2600 11670	750 5175	4875 21690
		0.120 3,05	10S	R	300 2065	1950 8680	300 2065	1950 8680	400 2750	2600 11670	500 3450	3245 14440
		0.083 2,11	5S	R	200 1375	1300 5785	200 1375	1300 5785	250 1725	1620 7210	325 2241	2110 9390
76,1 mm	3.000 76,1	0.250 6,35	–	C	300 2065	2120 9435	NOT APPLICABLE					
		0.120 3,05	–	R	300 2065	2120 9435						
		0.083 2,11	–	R	200 1375	1415 6295						
3 80	3.500 88,9	0.300 7,62	80S	C	300 2065	2885 12840	300 2065	2885 12840	400 2750	3850 17135	750 5175	7215 32105
		0.216 5,49	40S	R/C	300 2065	2885 12840	300 2065	2885 12840	400 2750	3850 17135	750 5175	7215 32105
		0.120 3,05	10S	R	300 2065	2885 12840	300 2065	2885 12840	400 2750	3850 17135	500 3450	4810 21405
		0.083 2,11	5S	R	200 1375	1925 8565	200 1375	1925 8565	250 1725	2400 10680	325 2241	3125 13905

Table continued on page 6.

**Refer to notes on page 4.



Style 78 Snap-Joint® Coupling

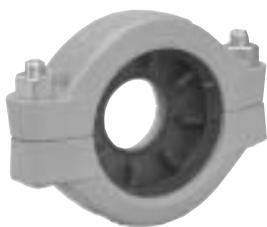
Style 791 Vic-Boltless® Coupling

Style 743 Vic-Flange® Adapter

Style HP-70 Rigid Coupling

Pipe Size		Pipe Inches/millimeters			Style 78		Style 791		Style 743		Style HP-70	
Nom. Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N	Work. Press.* PSI/kPa	End Load* Lbs./N
4 100	4.500 114,3	0.337 8,56	80S	C	300 2065	4770 21225	300 2065	4770 21225	300 2065	4770 21225	750 5175	11930 53090
		0.237 6,02	40S	R/C	300 2065	4770 21225	300 2065	4770 21225	300 2065	4770 21225	750 5175	11930 53090
		0.120 3,05	10S	R	175 1206	2785 12395	175 1206	2785 12395	275 1896	4375 19470	400 2750	6360 28300
		0.083 2,11	5S	R	100 690	1590 7075	100 690	1590 7075	175 1206	2785 12395	250 1725	3975 17690
5 125	5.563 141,3	0.258 6,55	40S	C	300 2065	7290 32440	NOT APPLICABLE		300 2065	7290 32440	NOT APPLICABLE	
		0.258 6,55	40S	R	200 1375	4860 21625			250 1725	6075 27035		
		0.134 3,40	10S	R	125 862	3038 13520			200 1375	4860 21625		
		0.109 2,77	5S	R	75 517	1825 8120			125 862	3040 13530		
6 150	6.625 168,3	0.280 7,11	40S	C	300 2065	10350 46055	300 2065	10350 46055	300 2065	10350 46055	750 5175	25850 115030
		0.280 7,11	40S	R	200 1375	6895 30685	200 1375	6895 30685	200 1375	6895 30685	500 5175	17235 76695
		0.134 3,40	10S	R	100 690	3450 15355	100 690	3450 15355	125 862	4310 19180	200 1375	6895 30685
		0.109 2,77	5S	R	65 448	2240 9970	65 448	2240 9970	75 517	2585 11505	125 862	4310 19180
8 200	8.625 219,1	0.322 8,18	40S	C	300 2065	17525 77985	300 2065	17525 77985	250 1725	14600 64970	600 4130	35055 155995
		0.322 8,18	40S	R	200 1375	11685 52000	200 1375	11685 52000	150 1034	8765 39005	400 2750	23370 103995
		0.148 3,76	10S	R	50 345	2920 12995	50 345	2920 12995	N/R	N/R	125 862	7300 32485
		0.109 2,77	5S	R	30 207	1755 7810	30 207	1755 7810	N/R	N/R	75 517	4380 19490
10 250	10.750 273,0	0.365 9,27	40S	C	NOT APPLICABLE				250 1725	22700 101015	600 4130	54460 242350
		0.365 9,27	40S	R					150 1034	13615 60585	400 2750	36300 161535
		0.165 4,19	10S	R					N/R	N/R	75 517	6810 30305
		0.134 3,40	5S	R					N/R	N/R	50 345	4540 20205
12 300	12.750 323,9	0.375 9,53	40S	C	NOT APPLICABLE				250 1725	31900 141955	600 4130	76600 340870
		0.375 9,53	40S	R					150 1034	19150 85220	400 2750	51000 226950
		0.180 4,57	10S	R					N/R	N/R	125 862	15960 71020
		0.156 3,96	5S	R					N/R	N/R	75 517	9575 42610

#*Refer to notes on page 4.



Style 750 Reducing Coupling

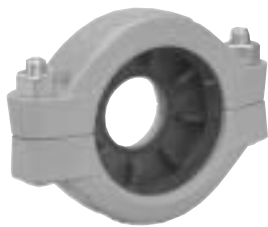
SIZE Nominal Inches Actual mm	Pipe Inches/millimeters			Style 750 Maximum	
	Wall Thick.	Sch. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N
2 X 1 60,3 X 33,7	0.218 X 0.179 5,54 X 4,55	80S	C	400 2750	545 2425
	0.154 X 0.133 3,91 X 3,38	40S	R/C	400 2750	545 2425
	0.109 X 0.109 2,77 X 2,77	10S	R	400 2750	545 2425
	0.065 X 0.065 1,65 X 1,65	5S	R	250 1725	340 1515
2 X 1½ 60,3 X 48,3	0.218 X 0.200 5,54 X 5,08	80S	C	400 2750	1135 5050
	0.154 X 0.145 3,91 X 3,68	40S	R/C	400 2750	1135 5050
	0.109 X 0.109 2,77 X 2,77	10S	C	400 2750	1135 5050
	0.065 X 0.065 1,65 X 1,65	5S	C	250 1725	710 3160
2½ X 2 73,0 X 60,3	0.276 X 0.218 7,01 X 5,54	80S	C	400 2750	1175 5230
	0.203 X 0.154 5,16 X 3,91	40S	R/C	400 2750	1175 5230
	0.120 X 0.109 3,05 X 2,77	10S	R	400 2750	1175 5230
	0.083 X 0.065 2,11 X 1,65	5S	R	250 1725	735 3270
76,1 mm X 2 X 60,3	0.276 X 0.218 7,01 X 5,54	80S	C	400 2750	1175 5230
	0.203 X 0.154 5,16 X 3,91	40S	R/C	400 2750	1175 5230
	0.120 X 0.109 3,05 X 2,77	10S	R	400 2750	1175 5230
	0.083 X 0.065 2,11 X 1,65	5S	R	250 1725	735 3270
3 X 2 88,9 X 60,3	0.300 X 0.218 7,62 X 5,54	80S	C	400 2750	1175 5230
	0.216 X 0.154 5,49 X 3,91	40S	R/C	400 2750	1175 5230
	0.120 X 0.109 3,05 X 2,77	10S	R	400 2750	1175 5230
	0.083 X 0.065 2,11 X 1,65	5S	R	250 1725	735 3270
3 X 2½ 88,9 X 73,0	0.300 X 0.276 7,62 X 7,01	80S	C	400 2750	2600 11670
	0.216 X 0.203 5,49 X 5,16	40S	R/C	400 2750	2600 11670
	0.120 X 0.120 3,05 X 3,05	10S	R	400 2750	2600 11670
	0.083 X 0.083 2,11 X 2,11	5S	R	250 1725	1625 7230
3 X 76,1 mm X	0.300 X 0.276 7,62 X 7,01	80S	C	400 2750	2830 12595
	0.216 X 0.203 5,49 X 5,16	40S	R/C	400 2750	2830 12595
	0.120 X 0.120 3,05 X 3,05	10S	R	400 2750	2830 12595
	0.083 X 0.083 2,11 X 2,11	5S	R	250 1725	1770 7875

Refer to notes on page 4 and at end of Style 750 tables.



Style 750 Reducing Coupling

SIZE Nominal Inches Actual mm	Pipe Inches/millimeters			Style 750 Maximum	
	Wall Thick.	Sch. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N
4 X 2 114,3 X 60,3	0.337 X 0.218 8,56 X 5,54	80S	C	400 2750	1175 5230
	0.237 X 0.154 6,02 X 3,91	40S	R/C	400 2750	1175 5230
	0.120 X 0.109 3,05 X 2,77	10S	R	300 2065	885 3940
	0.083 X 0.065 2,11 X 1,65	5S	R	200 1375	590 2625
4 X 2½ 114,3 X 73,0	0.337 X 0.276 8,56 X 7,01	80S	C	400 2750	2600 11670
	0.237 X 0.203 6,02 X 5,16	40S	R/C	400 2750	2600 11670
	0.120 X 0.120 3,05 X 3,05	10S	R	300 2065	1950 8680
	0.083 X 0.083 2,11 X 2,11	5S	R	200 1375	1300 5785
4 X 3 114,3 X 88,9	0.337 X 0.300 8,56 X 7,62	80S	C	400 2750	3850 17135
	0.237 X 0.216 6,02 X 5,49	40S	R/C	400 2750	3850 17135
	0.120 X 0.120 3,05 X 3,05	10S	R	300 2065	2890 13260
	0.083 X 0.083 2,11 X 2,11	5S	R	200 1375	1925 8565
5 X 4 141,3 X 114,3	0.258 X 0.237 6,55 X 6,02	40S	C	350 2410	5570 24785
	0.258 X 0.237 6,55 X 6,02	40S	R	250 1725	3980 17710
	0.134 X 0.120 3,40 X 3,05	10S	R	200 1375	3180 14150
	0.109 X 0.083 2,77 X 2,11	5S	R	125 862	1990 8855
165,1 mm X 4 X 114,3	0.280 X 0.237 7,11 X 6,02	40S	C	350 2410	5570 24785
	0.280 X 0.237 7,11 X 6,02	40S	R	225 1551	3580 15930
	0.134 X 0.120 3,40 X 3,05	10S	R	125 862	1990 8855
	0.109 X 0.083 2,77 X 2,11	5S	R	75 517	1200 5340
6 X 4 168,3 X 114,3	0.280 X 0.237 7,11 X 6,02	40S	C	350 2410	5570 24785
	0.280 X 0.237 7,11 X 6,02	40S	R	225 1551	3580 15930
	0.134 X 0.120 3,40 X 3,05	10S	R	125 862	1990 8855
	0.109 X 0.083 2,77 X 2,11	5S	R	75 517	1200 5340
6 X 5 168,3 X 141,3	0.280 X 0.258 7,11 X 6,55	40S	C	350 2410	8510 37870
	0.280 X 0.258 7,11 X 6,55	40S	R	225 1551	5470 24340
	0.134 X 0.134 3,40 X 3,40	10S	R	125 862	3040 13530
	0.109 X 0.109 2,77 X 2,77	5S	R	75 517	1825 8120
8 X 6 219,1 X 168,3	0.322 X 0.280 8,18 X 7,11	40S	C	350 2410	12065 53690
	0.322 X 0.280 8,18 X 7,11	40S	R	225 1551	7760 34530



Style 750 Reducing Coupling

SIZE Nominal Inches Actual mm	Pipe Inches/millimeters			Style 750 Maximum	
	Wall Thick.	Sch. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N
0.148 X 0.134 3,76 X 3,40		10S	R	75 517	2585 11505
0.109 X 0.109 2,77 X 2,77		5S	R	50 345	1735 7720

Maximum working pressure based on larger pipe size. Maximum end load rating based on smaller pipe size.

Style 750 Reducing Couplings should not be used with end caps (#60 or #460) in systems where a vacuum may be developed.

Refer to additional notes on page 4.



Style 89 Rigid Coupling

Pipe Size		Pipe Inches/millimeters			Style 89 Maximum	
Nominal Dia. In./mm	Actual Out. Dia. In./mm	Wall Thickness	Sched. #	R = Roll C = Cut	Work. Press.* PSI/kPa	End Load* Lbs./N
6 150	6.625 168,3	0.432 10,97	80S	C	750 5175	25850 115035
		0.280 7,11	40S	R/C	750 5175	25850 115035
		0.134 3,40	10S	R	300 2065	10340 46015
		0.109 2,77	5S	R	200 1375	6895 30685
8 200	8.625 219,1	0.500 12,70	80S	C	600 4130	35055 155995
		0.322 8,18	40S	R/C	600 4130	35055 155995
		0.148 3,76	10S	R	300 2065	17530 78010
		0.109 2,77	5S	R	200 1375	11685 52000
10 250	10.750 273,0	0.500 12,70	80S	C	600 4130	55460 24795
		0.365 9,27	40S	R/C	600 4130	55460 24795
		0.165 4,19	10S	R	300 2065	27230 121175
		0.134 3,40	5S	R	200 1375	18150 80770
12 300	12.750 323,9	0.500 12,70	80S	C	600 4130	76605 340890
		0.375 9,53	40S	R/C	600 4130	76605 340890
		0.180 4,57	10S	R	300 2065	38300 170435
		0.156 3,96	5S	R	200 1375	25535 113630