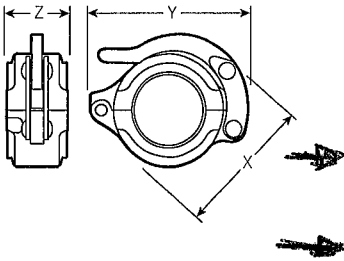


# Snap-Joint® Coupling

STYLE 78

**DIMENSION**



Size		Max. Work Pressure*	Max. End Load*	Allow. Pipe End Sep. †	Deflect. Fr. C <sub>i</sub> †		Dimensions – Inches/mm			Approx. Wgt. Each
Nominal Size Inches	Actual Out. Dia. Inches	PSI kPa	Lbs. N	Inches mm	Per Cplg. Deg.	Pipe In./Ft. mm/m	X	Y	Z	Lbs. kg
1 25	1.315 33.7	300 2065	410 1825	0 - 0.06 0 - 1.6	2° - 43	0.57 48	2.75 70	3.25 83	1.75 44	0.8 0.4
1 ¼ 32	1.660 42.2	300 2065	650 2890	0 - 0.06 0 - 1.6	2° - 10	0.45 38	3.13 79	3.75 95	1.88 48	1.1 0.5
1 ½ 40	1.900 48.3	300 2065	850 3780	0 - 0.06 0 - 1.6	1° - 56	0.40 33	3.50 89	4.50 114	1.88 48	1.7 0.8
2 50	2.375 60.3	300 2065	1,330 5920	0 - 0.06 0 - 1.6	1° - 31	0.32 26	4.00 102	4.75 121	1.88 48	1.7 0.8
2 ½ 65	2.875 73.0	300 2065	1,950 8680	0 - 0.06 0 - 1.6	1° - 15	0.26 22	4.75 121	5.88 149	1.88 48	2.5 1.1
3 80	3.500 88.9	300 2065	2,885 12840	0 - 0.06 0 - 1.6	1° - 2	0.22 18	5.38 137	6.25 159	1.88 48	2.8 1.3
4 100	4.500 114.3	300 2065	4,770 21225	0 - 0.13 0 - 3.2	1° - 36	0.34 28	6.88 175	7.75 197	2.13 54	5.5 2.5
5 125	5.563 141.3	300 2065	7,290 32440	0 - 0.13 0 - 3.2	1° - 18	0.27 23	8.75 222	9.50 241	2.13 54	9.8 4.4
6 150	6.625 168.3	300 2065	10,350 46060	0 - 0.13 0 - 3.2	1° - 5	0.23 18	9.88 251	10.63 270	2.13 54	10.7 4.9
8 5/8 200	8.625 219.1	300 2065	17,500 77875	0 - 0.13 0 - 3.2	0° - 50	0.18 14	12.25 311	13.00 330	2.38 60	15.3 6.9

\* Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI steel pipe, standard roll or cut grooved in accordance with Victaulic specifications. Contact Victaulic for performance on other pipe. Maximum working pressure rating based on larger pipe size. Maximum End Load rating based on smaller pipe size. WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1½ times the figures shown.

† Allowable Pipe End Separation and Deflection figures show the maximum nominal range of movement available at each joint for standard roll grooved pipe. Figures for standard cut grooved pipe may be doubled. These figures are maximums; for design and installation purposes these figures should be reduced by: 50% for ¾ - 3½/20 - 90 mm; 25% for 4"/100 mm and larger.

WARNING: Piping systems must always be depressurized and drained before attempting disassembly and removal of any Victaulic piping products.