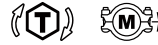


MODEL

XH-1000 EXTRA HEAVY RIGID COUPLING

The **Shurjoint** Model XH-1000 is an extra heavy rigid coupling designed for high pressure services up to 1000 psi (70 bar). This coupling is painted green and is supplied with a standard C-shaped gasket and heavy duty bolts and nuts. The Model XH-1000 can be installed on standard roll or

cut grooved pipes or components. Sizes 2" through 4" require a bolt torque of 60 - 70 Ft-Lbs. with some bolt gaps. For sizes 6" and above, the bolt pads will make metal to metal contact when properly installed with no torque wrench required.



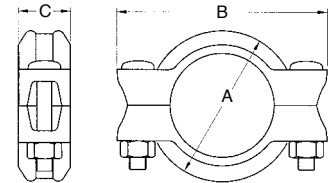
Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
2" - 6" Class 400	1000 psi @100°F 70 Bar @38°C	EPDM: 230°F / 110°C
8" - 12" Class 300	750 psi @100°F 52 Bar @38°C	Nitrile: 180°F / 82°C

*Working pressure is based on connection with cut or roll-grooved standard wall steel pipe.

*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

*Burst pressure is engineered minimum 3 times the working pressure.



Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar/PSI	Max. End Load kN / Lbs	Axial Displacement mm / in	Dimensions			Bolts		Weight Kgs / Lbs
					A mm / in	B mm / in	C mm / in	No.	Size in	
50	60.3	70	20.0	0 ~ 3.6	90	150	49	2	5/8 X 2 3/4	1.6
2	2.375	1000	4430	0 ~ 0.14	3.50	5.90	1.92			3.4
65	73.0	70	29.3	0 ~ 3.6	102	168	49	2	5/8 X 2 3/4	1.7
2 1/2	2.875	1000	6490	0 ~ 0.14	4.02	6.62	1.92			3.8
80	88.9	70	43.4	0 ~ 3.6	123	188	49	2	5/8 X 2 3/4	2.2
3	3.500	1000	9620	0 ~ 0.14	4.86	7.38	1.92			4.8
100	114.3	70	71.8	0 ~ 6.4	155	222	53	2	3/4 x 4 1/2	3.8
4	4.500	1000	15900	0 ~ 0.25	6.09	8.74	2.10			8.4
150	168.3	70	155.6	0 ~ 6.4	218	295	57	2	7/8 x 5 1/2	8.0
6	6.625	1000	34450	0 ~ 0.25	8.58	11.61	2.25			17.6
200	219.1	52	196.0	0 ~ 6.4	275	364	70	2	1 x 5 1/2	10.9
8	8.625	750	43800	0 ~ 0.25	10.83	14.33	2.75			24.0
250	273.0	52	304.2	0 ~ 6.4	334	424	75	2	1 x 5 1/2	14.2
10	10.750	750	68040	0 ~ 0.25	13.15	16.70	2.95			31.2
300	323.9	52	428.2	0 ~ 6.4	390	480	75	2	1 x 5 1/2	16.7
12	12.750	750	95710	0 ~ 0.25	15.35	18.90	2.95			36.7



Sizes 2" through 4" require a bolt torque of 60 – 70 Ft-Lbs (80 – 95 N-m). Normally you can see some gaps between the bolt pads.



Sizes 6" through 12" are designed to make a metal-to-metal contact when properly installed.