

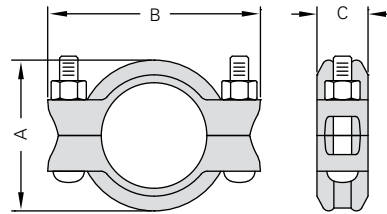
Model XH-70EP Extra Heavy Rigid Coupling with End Protection (EP) Gasket

The Model XH-70EP is designed for use with plastic coated or cement lined pipe. The EP (end protection) gasket serves to form a continuous lined surface at the joint and also helps protect the pipe ends from

corrosion. This coupling is rated up to 2500 psi (175 Bar) when used in conjunction with machined EP cut grooves and the applicable pipe.



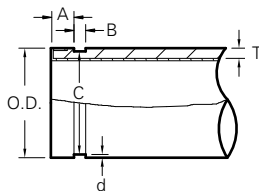
CAUTION: Always fasten the bolts to the required torque.



Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Max. End Load (CWP)	Dimensions			Bolt		Bolt Torque	Weight
				A	B	C	No.	Size		
in	in	PSI	Lbs	in	in	in		in	Lbs-Ft	Lbs
mm	mm	Bar	kN	mm	mm	mm			Nm	Kgs
2	2.375	2500	11070	3.54	5.71	1.92	2	5/8 x 2 1/4	60 - 90	3.3
50	60.3	175	50.0	90	145	49			80 - 120	1.5
2 1/2	2.875	2500	16220	4.06	6.61	1.92	2	5/8 x 2 1/4	60 - 90	4.0
65	73.0	175	73.2	103	168	49			80 - 120	1.8
3	3.500	2500	24040	4.80	7.40	2.00	2	5/8 x 2 1/4	60 - 90	4.8
80	88.9	175	108.6	122	188	51			80 - 120	2.2
4	4.500	2500	39740	6.18	8.74	2.17	2	3/4 x 4 1/4	74 - 170	8.8
100	114.3	175	179.5	157	222	55			100 - 235	4.0
6	6.625	2000	68910	8.58	11.61	2.25	2	7/8 x 5 1/2	125 - 200	17.6
150	168.3	140	311.3	218	295	57			170 - 275	8.0
8	8.625	2000	116790	10.83	14.33	2.75	2	1 x 5 1/2	200 - 300	24.0
200	219.1	140	527.6	275	364	70			275 - 400	10.9
10	10.750	1250	113400	13.15	16.70	2.95	2	1 x 5 1/2	200 - 300	31.2
250	273.0	88	514.8	334	424	75			275 - 400	14.2
12	12.750	1250	159510	15.35	18.90	2.95	2	1 x 5 1/2	200 - 300	36.7
300	323.9	88	724.7	390	480	75			275 - 400	16.7

* Pressures quoted are based on EP cut grooved XS (Sch. 80) pipe.

"EP" End Protection Cut Groove Specification for XH-70EP Coupling (IPS sizes)



1. EP cut-grooves are for plastic coated or cement lined pipe to be connected with Shurjoint XH-70EP couplings only. Do not roll groove pipe, which can damage the coating or lining and or create flared pipe ends.
2. Always use plain-end square cut pipe. Do

- not use beveled end pipe.
3. Always use an EP gasket with a XH-70EP coupling. Do not use a standard gasket.
4. The gasket seating area shall be free from deep scores, marks, or ridges that could prevent a positive seal.

Nominal Size	Pipe O.D.			A		B		C		Groove Depth (ref.)	t Min. Allowed Wall Thickness
	Basic	Tolerance		Gasket Seat		Groove Width		Groove Dia.			
		+	-	Basic	Tol. ±	Basic	Tol. +0.010 / +0.25	Basic	Tol. +0 / +0		
in	in	in	in	in	in	in	in	in	in	in	in
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2	2.375	+0.024	-0.024	0.562	±0.010	0.255	-0.005	2.250	-0.015	0.063	0.154
50	60.3	+0.61	-0.61	14.27	±0.25	6.48	-0.13	57.15	-0.38	1.60	3.91
2 1/2	2.875	+0.029	-0.029	0.562	±0.010	0.255	-0.005	2.720	-0.018	0.078	0.188
65	73.0	+0.74	-0.74	14.27	±0.25	6.48	-0.13	69.09	-0.46	1.98	4.78
3	3.500	+0.035	-0.031	0.562	±0.010	0.255	-0.005	3.344	-0.018	0.078	0.188
80	88.9	+0.89	-0.79	14.27	±0.25	6.48	-0.13	84.94	-0.46	1.98	4.78
4	4.500	+0.045	-0.031	0.605	±0.015	0.305	-0.005	4.334	-0.020	0.083	0.203
100	114.3	+1.14	-0.79	15.37	±0.38	7.75	-0.13	110.08	-0.51	2.11	5.16
6	6.625	+0.063	-0.031	0.605	±0.015	0.305	-0.005	6.455	-0.022	0.085	0.219
150	168.3	+1.60	-0.79	15.37	±0.38	7.75	-0.13	163.96	-0.56	2.16	5.56
8	8.625	+0.063	-0.031	0.714	±0.015	0.400	-0.010	8.441	-0.025	0.092	0.238
200	219.1	+1.60	-0.79	18.14	±0.38	10.16	-0.25	214.40	-0.64	2.34	6.05
10	10.750	+0.063	-0.031	0.714	±0.015	0.400	-0.010	10.562	-0.027	0.094	0.250
250	273.0	+1.60	-0.79	18.14	±0.38	10.16	-0.25	268.28	-0.69	2.39	6.35
12	12.750	+0.063	-0.031	0.714	±0.015	0.400	-0.010	12.531	-0.030	0.109	0.279
300	323.9	+1.60	-0.79	18.14	±0.38	10.16	-0.25	318.29	-0.76	2.77	7.09