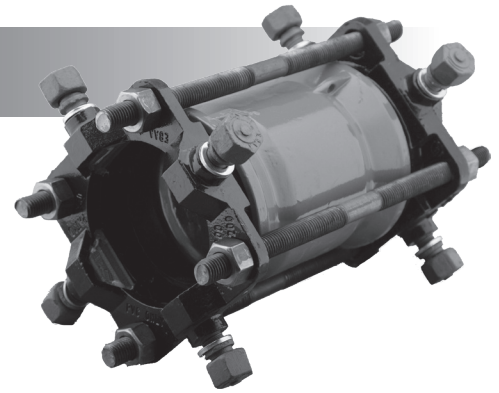




EBAA 3800 SERIES

RESTRAINED COUPLING



APPLICATIONS

The **3800** Series Restraint Coupling is used for joining and restraining two plain end pipes of the same or dissimilar materials (Ductile Iron pipe, PVC pipe, Steel pipe and/or High Density Polyethylene Pipe (HDPE^{*})). The coupling provides axial restraint to the rated pressure listed below, with a minimum factor of safety of 2:1. The **3800** Series Coupling is an economical alternative to the harnessing of unrestrained repair type couplings. The **3800** Series Coupling meets or exceeds AWWA C219 standards.

ROBAR  EBAA

MATERIAL SPECIFICATIONS

Center Sleeve:	ASTM A536 Ductile Iron
End Rings:	ASTM A536 Ductile Iron
Gaskets:	SBR (Buna S) Rubber
Fasteners:	Corrosion Resistant, HSLA steel bolts & nuts T304 Stainless steel available Torque is 60–75 ft. lbs
Coating:	Barrel – Fusion Bond Epoxy Restraint Gland – Megabond [®] coated

HOW TO ORDER

Determine the product number (**3806**) and the OD for each end of the coupling and then use the appropriate ordering code as shown in the following example.

To couple a 6" Steel pipe (6.63" OD) to a 6" C900 PVC pipe (6.90" OD), the ordering code is:

Product Number		OD (Actual)		OD (Actual)
3806	-	6.63"	x	6.90"
i.e. 3806 - 6.63 x 6.90				

NOMINAL PIPE SIZE	SERIES NO.	APPROXIMATE SHIPPING WEIGHT		NO. OF WEDGES	DESIGN DEFLECTION	BARREL LENGTH	NO. OF THRUST BOLTS	DIA. OF THRUST BOLTS
		LBS.	KG.					
4	3804	36	16	4	4°	7.5	4	3/4 x 14
6	3806	50	23	4				
8	3808	68	31	4				
10	3810	85	39	6				
12	3812	104	47	6				

All dimensions are in inches.

PRESSURE RATINGS (PSI)

NOMINAL PIPE SIZE	SERIES NO.	DUCTILE IRON PIPE	STEEL PIPE	HDPE Pipe			C900 PVC Pipe		
				DR 11 CLASS 160	DR 13.5 CLASS 130	DR17 CLASS 100	DR14 CLASS 200	DR 18 CLASS 150	DR 25 CLASS 100
4	3804	350	350	160	130	100	305	235	165
6	3806	350	350	160	130	100	305	235	165
8	3808	350	350	160	130	100	305	235	165
10	3810	350	350	160	130	100	305	235	165
12	3812	350	350	160	130	100	305	235	165

A pipe wall stiffening insert is required for use on HDPE pipe. The stiffener must be sized to encompass the entire bearing length of the restraint devices.

ROBAR INDUSTRIES LTD.

www.robarindustries.com
waterworks@robarindustries.com

Surrey, British Columbia
Phone: 1-800-663-6553

Saint-Bruno, Quebec
Phone: 1-800-315-9525