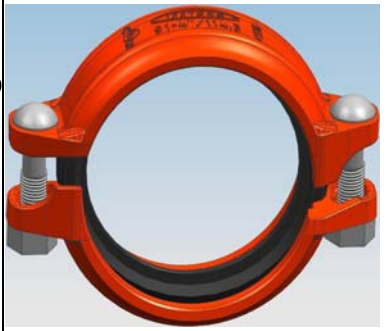
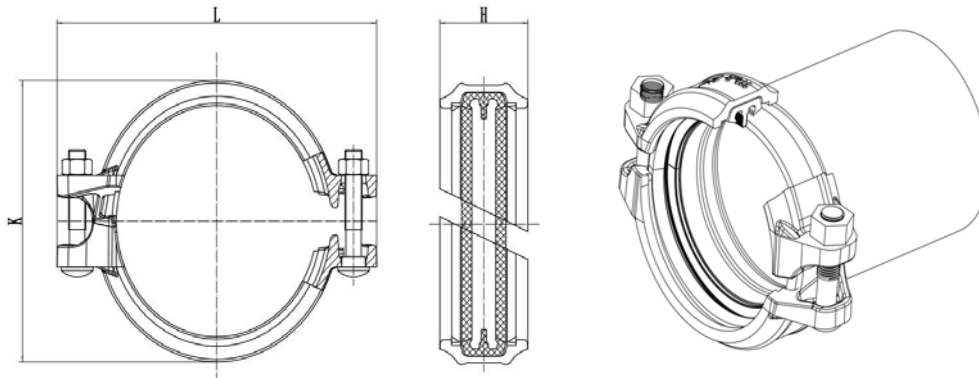


91 Push-On Grooved Coupling Technical Data		
Operating Temperature -40Fto 230°F(-40 Cto 110°C)	Available Finishes: Housing: Standard orange paint Hot dipped galvanized (ASTM A-153)	
Material Specifications Housings: ASTM A536 Grade 65-45-12 Ductile Iron Gasket: Pre-lubricated Grade EEPDM Bolts: SAE J429 Grade 5	Listings and Approvals cULus Listed FM Approved Applications .Aboveground use only .Indoor and outdoor use .Wet and dry system use	
Design Specification: Groove: AWWA-C606		
Coupling Type: Installation-Ready Angle Pad Rigid Coupling		

Model 91 Push-On Grooved Coupling Dimensions

Figure 1



Nominal Size in (mm)	Pipe O.D. in (mm)	Max. End Load Lbs(N)	Max. Pipe End Gap in (mm)	Working Pressure Psi (Mpa)	Bolts Size	Dimensions mm/in			Weight kg
						K	L	H	
1 (25)	1.315(33.7)	650(2890)	0.08(2.03)	300(2.07)	2-3/8x55	63 2.48	95 3.74	47 1.85	0.53
1-1/4 (32)	1.660 (42.2)	790(3514)	0.08(2.03)	300(2.07)	2-3/8x55	72 2.83	104 4.09	47 1.85	0.57
1-1/2(40)	1.900 (48.3)	1035(4604)	0.08(2.03)	300(2.07)	2-3/8x55	77 3.03	111 4.37	47 1.85	0.61
2 (50)	2.375(60.3)	1617(7192)	0.08(2.03)	300(2.07)	2-3/8x55	91 3.58	123 4.84	47 1.85	0.70
2-1/2 (65)	2.875(73.0)	2370(10524)	0.08(2.03)	300(2.07)	2-3/8x60	103 4.06	137 5.39	47 1.85	0.82
3 (80)	3.500(88.9)	2580(11476)	0.12(3.05)	300(2.07)	2-3/8x60	119 4.69	155 6.10	48.5 1.91	0.98
4 (100)	4.500 (114.3)	3512(15622)	0.12(3.05)	300(2.07)	2-1/2x65	149 5.87	185 7.28	51.5 2.03	1.34
5 (125)	5.500(139.7)	8672(38574)	0.12(3.05)	300(2.07)	2-1/2x75	177 6.97	214 8.43	52 2.05	1.75
6 (150)	6.625(168.3)	12582(55968)	0.12(3.05)	300(2.07)	2-1/2x80	205 8.07	244 9.61	52.5 2.07	2.01
8 (200)	8.625(219.1)	21326(94862)	0.17(4.32)	300(2.07)	2-5/8x100	264 10.39	316 12.44	64 2.52	4.03
10 (250)	10.750(273.0)	27229(121120)	0.17(4.32)	300(2.07)	2-7/8x155	334 13.15	395 15.55	68 2.68	8.60
12 (300)	12.750(323.9)	38303(170380)	0.17(4.32)	300(2.07)	2-7/8x155	387 15.24	451 17.76	68 2.68	10.10

Model 91 Pipe Compatibility

Nominal Size	in (mm)	Groove Type	Pipe	Approvals
1 (25)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Sch5	FM
1-1/4 (32)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Mega-Flow	
			EDDY FLOW	
		Sch5	FM	
1-1/2 (40)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Fire-Flo	
			Mega-Flow	
			EDDY FLOW	
		Sch5	FM	
2 (50)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Fire-Flo	
			Mega-Flow	
			EDDY FLOW	
			Hydroflow	
		Sch5	FM	
2-1/2 (65)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Fire-Flo	
			Mega-Flow	
			EDDY FLOW	
			Hydroflow	
3 (80)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Fire-Flo	
			Mega-Flow	
			EDDY FLOW	
			Hydroflow	
4 (100)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
			Fire-Flo	
			Mega-Flow	
			EDDY FLOW	
			Hydroflow	
5 (125)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
6 (150)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
8 (200)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
10 (250)		Cut,Rolled	Sch40	cULus,FM
		Rolled	Sch10	
12 (300)			Rolled	Sch30