

Standard No-Hub Coupling

The CFI Standard No-hub Coupling is designed and engineered to provide superior performance at a very competitive cost. The coupling meets or exceeds the requirements of ASTM C1277 Uniform Plumbing Code (UPC) and CISPI 310. The gasket of the coupling is made from an elastomeric compound that meets the ASTM C-564 standard, and the corrugated shield is made from type 304 stainless steel.

Material Specifications

Clamp: Type 304 AISI Stainless Steel

Screw: Type 305 AISI Stainless Steel 5/16" hex head for 1-1/2"-8"

Shield: Type 304 AISI 0.007" thick stainless steel

Gasket: Made from high-quality elastomeric compound (ASTM C-564), the gasket features multiple sealing beads under the clamp bands.

The coupling consists of an elastomeric gasket, Stainless steel shield, two or four clamps assembly. It is used to join no hub cast iron pipe and fittings which are made to conform to the ASTM A888 standard.

Standard No - Hub Couplings			
Size	Part No.	Installation Torque Inch Pounds	No. of Clamps Per Coupling
1-1/2"	60015	60	2
2"	60020	60	2
3"	60030	60	2
4"	60040	60	2
5"	60050	60	4
6"	60060	60	4
8"	60080	60	4
10"	60100	60	4
12"	60120	60	6
2" X 1-1/2"	60021	60	2
3" x 2"	60032	60	2
4" x 3"	60042	60	2



Test	GASKET PHYSICAL TEST MIN. OR MAX. REQUIREMENTS	ASTM METHOD
Tensile Strength	1500psi min.	D 412
Elongation	250 min.	D 412
Durometer (Shore A)	70 ±5 @ 76°F ±5°F	D 2240
Accelerated Aging	15% maximum tensile and 20% maximum elongation, 10 points maximum increase in hardness, all determinations after oven aging for 96 hours at 158°F	D 573
Compression Set	25% max. after 22 hours at 158°F	D 395 Method B
Oil Immersion	80% max. volume change after immersion in IRM 903 for 70 hours at 212°F	D 471
Ozone Cracking	No visible cracking at 2 times magnification of the gasket after 100 hours exposure in 1.5 ppm ozone concentration at 104°F. Testing and inspection to be on gasket which is loop mounted to give approximately 20% elongation of outer surface.	D 1149
Tear Resistance	150lbf/in. min.	D 624
Water Absorption	20% max. by weight after 7 days at 158°F	D 471