



SUBMITTAL 2101-2102 TRANSITION COUPLING CAST IRON TO COPPER JOINTS

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Certifications & Standards:

Tested & Certified to ASTM C 1460
Tested & Certified to ASTM C 564
IAPMO FILE # 5794

100% Made in USA

Material Specifications:

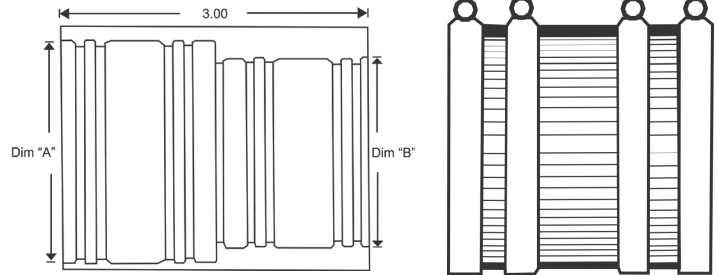
Clamp: Type 304 AISI stainless steel

Screw: Type 305 AISI stainless steel 5/16" hex head/shoulder

Shield: Type 304 AISI stainless steel, corrugated. Shield thickness 0.010

Gasket: The gasket shall be manufactured from a properly vulcanized virgin compound in which the primary elastomer is polychloroprene (neoprene) conforming to ASTM C 564

The Husky HD 2101 & 2102 is a heavy-duty all stainless steel transition coupling to connect cast iron Hubless pipe and fittings to Copper pipe. This has been accomplished by manufacturing our coupling with a heavy duty corrugated shield of sufficient width to accommodate additional surface-bearing sealing clamps.



Application Data		
Model	Dim "A"	Dim "B"
2101	2" CI	1.5" Copper
2102	2" CI	2" Copper

The couplings consist of a 3" wide corrugated 304 stainless steel shield in conjunction with four stainless steel clamps mounted in a series, secured in place by means of a fixed and "floating" eyelet to allow the clamp "travel" during tightening. Couplings are designed to be installed with a pre-set torque wrench calibrated at 80 inch pounds, to accommodate the stainless steel 5/16" Hex Head/Shoulder screw.

Test	Gasket Physical Tests Min. or Max Requirements	ASTM Method
Tensile Strength	1500 psi min.	D 412
Elongation	250 min.	D 412
Durometer [Shore A]	70 +/- 5 @ 76° F +/- 5°F.	D 2240
Accelerated Aging	15% max. tensile and 20% maximum elongation deterioration, 10 points max. increase in hardness, all determinations after oven aging for 96 hours at 158°F	D 573
Compression Set	15% max. after 22 hours at 158°F	D 395 method B
Oil Immersion	80% max. volume change after immersion in ASTM oil no. 3 for 70 hours at 212°F	D471
Ozone Cracking	No visible cracking at 2 times magnification of the gasket after 100 hours exposure in 1.5ppm ozone concentration at 100°F. Testing and inspection to be on gasket which is loop mounted to give approximately 20% elongation of outer surface.	D 1149
Tear Resistance	Die C; 150Lbs. Min. per inch of thickness	D 624
Water Absorption	20% max. by weight after 7 days at 158°F	D 471