



## TRANSITION

### Certifications & Standards

Tested & Certified to:

ASTM C1460

ASTM C564

CSA B 602

IAPMO File 5794

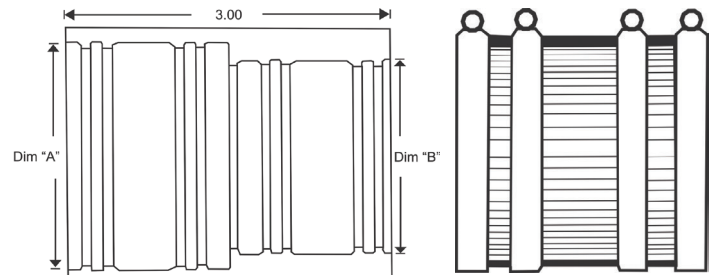
### Material Specifications:

**Clamp:** Type 304 AISI stainless steel

**Screw:** Type 305 AISI or 304L stainless steel 3/8"

**Shield:** Type 304 AISI stainless steel, corrugated. Shield thickness 0.015

**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.



### Application Data

Model	Dim "A"	Dim "B"
4101	2" CI	1.5" Copper
4102	2" CI	2" Copper

The **HUSKY** SD 4101 & 4102 is a super-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 super-duty corrugated shield of sufficient width to accommodate additional surface-bearing sealing clamps.

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 3/8" Hex Head 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% maximum tensile and 20% maximum elongation deterioration, 10 points maximum increase in hardness, all determination after oven aging for 96 hours at 158°F	D 573
Compression Set	15% maximum after 22 hours at 158°F	D 395 method B
Oil Immersion	80% maximum volume change after immersion in ASTM oil no. 3 for 70 hours at 212°F	D 471
Ozone Crack	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	150 lbs. minimum per inch of thickness	D 624
Water Absorption	20% maximum by weight after 7 days at 158°F	D 471

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