

**“When Copper and Cast Iron
are Joined...**

HUSKY




has the Transition”

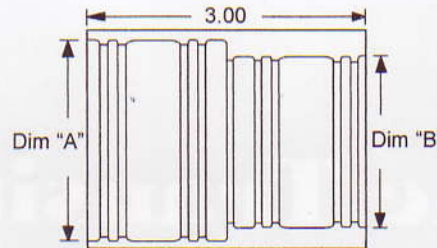
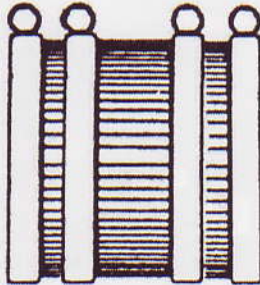
Husky Super Duty Transition		
Model	Cast Iron	Copper
4101	2”	1½”
4102	2”	2”

Product Information Submittal
HUSKY 4101 - 4102 Coupling For Hubless to Copper Joints

TEST	GASKET PHYSICAL TEST MIN. OR MAX. REQUIREMENTS	ASTM METHOD
Tensile Strength	1500 psi min.	D412
Elongation	250 min	D412
Durometer (Shore A)	70 ± 5@ 76° F ± 5° F	D2240
Accelerated Aging	15% max. tensile and 20% max. elongation deterioration, 10 points max. increase in hardness, all determinations after oven aging for 96 hours at 158° F.	D573
Compression Set	15% max after 22 hours at 158° F.	D395 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 1.5 ppm ozone concentration at 100° F. Testing and inspection to be on gasket which is loop mounted to give approximately 20% elongation of outer surface.	D1149
Tear Resistance	Die C; 150 lbs., min. per inch of thickness.	D624
Water Absorption	20% max. by weight after 7 days at 158° F	D471

MATERIALS

Clamp:	Type 304 AISI stainless steel.	 ASTM C 1277 ASTM C 1540
Screw:	Type 305 AISI stainless steel 3/8" hex head/shoulder	
Shield:	Type 304 AISI stainless steel, corrugated. Shield thickness .016	
Gasket:	The gasket shall be fabricated from a compound containing high quality neoprene as the sole elastomer. ASTM C 564.	



Application Data

Model	Dim "A"	Dim "B"
4101	2" CI	1 1/2" Copper
4102	2" CI	2" Copper

The HUSKY SD 4101 & 4102 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.

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/Shoulder screw.

Meets ASTM C 1460 standard.

ANACO