

HUSKY

Series 4000



A super-duty stainless steel coupling for joining No-Hub cast iron soil pipe and fittings

- ❖ Extra width for lateral support
- ❖ Additional sealing clamps for better load distribution and positive seal
- ❖ All 304 stainless steel heavy-duty construction

- Improved Deflection
- Simple Installation
- Excellent for Pre-fab
- 304 Stainless Steel for Corrosion Resistance
- Extra Wide for Maximum Rigidity
- Low Installed Cost
- Handles Problem Pipe
- Below Ground – Replaces Hub & Spigot
- Maintains Structural Stability
- Neoprene® Gasket
- BAA [Buy America Act]
- TAA [Trade Agreements Act]
- ARRA [American Recovery & Reinvestment Act]
- NAFTA [North American Free Trade Agreement]

Husky couplings conform to ASTM C 1540, CSA B 602 & FM 1680 Class I. Couplings consist of a 304 stainless steel shield, clamp assembly and a high quality elastomeric gasket conforming to ASTM C 564. Transition couplings conform to ASTM C 1460.

The coupling is used to join hubless cast iron pipe and fittings made to CISPI 301 and/or ASTM A 888. Coupling sizes range from 1½" through 10" diameters. The stainless steel shield and clamp assemblies are corrosion resistant.

The Husky SD 4000 Coupling has been engineered by anaco to provide a heavy duty, all stainless steel coupling, balancing the desire for a more rigid joint with the need to provide a superior positive seal, which can accommodate possible disparities in the mating of No-Hub pipe and fittings. 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 additional sealing clamp when torqued to 80 inch pounds, offer two salient performance related features. First, the overall dimensional thickness of the clamp and shield, in conjunction with the additional width of the coupling, result in a more uniformly rigid joint, with the load being supported at both the outer edge of the coupling and the centerline of the joint. Second, the additional sealing clamps yield increased surface-bearing contact between the coupling and the pipe or fittings, thereby inhibiting joint movement at higher internal pressures not commonly associated with a DWV system.

The 1½" through 4" diameter couplings consist of a 3" wide corrugated 304 stainless steel shield in conjunction with four (4) stainless steel clamps mounted in a series, secured in place by means of affixed and "floating" eyelet to allow the clamp "travel" during tightening.

The 5" through 10" diameter couplings consist of a 4" wide corrugated 304 stainless steel shield in conjunction with six (6) stainless steel clamps mounted in a series, secured in place by means of affixed and "floating" eyelet to allow the clamp "travel" during tightening.

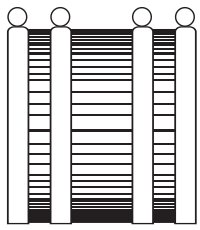
All SD 4000 Couplings are designed to be installed with a pre-set torque wrench calibrated at 80 inch pounds to accommodate the 305 stainless steel 3/8" Hex Head screw.

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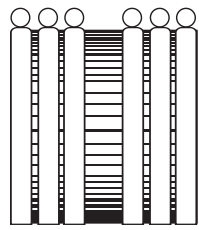
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SIZES 1 1/2" thru 4"



SIZES 5, 6, 8 and 10"

Product Information Submittal

HUSKY Series 4000 Coupling For Hubless Systems

HUSKY COUPLINGS

Size	Width	No. of Straps	Torque
1 1/2" – 4"	3.0	4	80
5 & 6	4.0	6	80
8 & 10	4.0	6	80

- Clamp:** Type 304 AISI stainless steel
Screw: Type 305 AISI stainless steel - 3/8 hex head
Shield: Type 304 AISI stainless steel corrugated.
 Shield thickness 0.015
Housing: Type 304 AISI stainless steel

Sealing Gasket

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 determinations after oven aging for 96 hours at 158°F	D 573
Compression Set	25% maximum after 22 hours at 158°F	D 395 Method B
Oil Immersion	80% maximum 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 1.5ppm 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

Bracing

Horizontal pipe and fittings five inches and larger must be suitably braced to prevent horizontal movement. This must be done at every branch opening or change of direction by the use of braces, blocks, rodding or other suitable method, to prevent movement or joint separation. (*Chapter IV, Handbook-Cast Iron Soil Pipe Institute*)

**There's a HUSKY
Coupling for EVERY Application**

A Partial List Includes...

- HOSPITALS
- EDUCATION
- INDUSTRIAL
- MUNICIPAL
- GOVERNMENT
- CORRECTIONAL
- SPORTS /RECREATIONAL
- OFFICE /COMMERCIAL
- CONVENTION CENTERS

Made in USA

