

NO-HUB COUPLINGS

NewAge Casting's No-Hub Couplings and gaskets are particularly advantageous in compact installations and can be installed under, as well as, above ground, and in temperature environments up to 212°F. Used universally in all types of construction, No-Hub pipe, fittings and couplings install quickly, absorb noise and vibration, withstand deflection and demonstrate corrosion resistance and space savings. NewAge Casting's No-Hub Couplings are particularly advantageous in compact installations and can be installed under, as well as, above ground.

Pre-fabricated units install in a fraction of the time required for conventional Drain, Waste and Vent (DWV) systems. NewAge Casting's No-Hub Couplings are available in 1-1/2" through 15", 2" x 1-1/2", 3"x2", 4"x 2" and 4"x 3" sizes.

SIZES: 1-1/2" THRU 15"

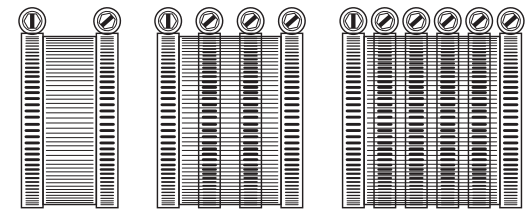
NewAge Casting's No-Hub Coupling meet or exceed the requirements of ASTM C 564, ASTM C 1277, and CISPI 310 as well as applicable portions of the Uniform Plumbing Code (UPC) and the International Plumbing Code (IPC).

SPECIFICATION

Standard Couplings for NewAge Casting shall conform to the requirements contained in the latest edition of ASTM C1277 and CISPI 310. Shield assembly, clamp, band and screw housing shall be made from series 301 stainless steel and the screw made from series 305 stainless steel. Gaskets shall be made from high quality Neoprene and shall comply with requirements contains in the latest edition ASTM C564. These couplings standard and reducing, shall be used in joining the hubless cast iron soil pipe and fittings in a Hubless Cast Iron Sanitary System. Joints shall be tightened to the proper torque in inch pounds by the use of calibrated torque wrench. After installation the system shall be hydrostatically tested to a 10 foot head of water. Air test (compressed air or gas) is not recommended.

COMPONENTS & MATERIALS	
SHIELD ASSEMBLY & CLAMP	Type 301 AISI Stainless Steel Bright Annealed Hardness - Rockwell B85 max
BAND	Type 301 AISI Stainless Steel, minimum tensile 165,000 psi for 1-1/2" to 15"
SCREW HOUSING	Type 301 AISI Stainless Steel for 1-1/2" to 15"
SCREW	Type 305 AISI Stainless Steel, 5/16" hex head/shoulder
GASKET	Gaskets shall be made of a properly vulcanized virgin compound containing virgin rubber as the sole elastomer with no scrap or reclaim.

STANDARD BAND CONFIGURATION



1-1/2" thru 4"

5" thru 10"

12" thru 15"

PART #	SIZE	# CLAMPS	COUPLING WIDTH	HEX SIZE	INSTALL TORQUE
SSC150	1-1/2"	2	2-1/8"	5/16" (all sizes)	60 inch pounds
SSC200	2"				
SSC300	3"				
SSC400	4"				
SSC500	5"	4	3"		
SSC600	6"				
SSC800	8"				
SSC1000	10"		5-1/2"		
SSC1200	12"				
SSC1500	15"				
SSC215	2" x 1-1/2"	2	2-1/8"		
SSC320	3" x 2"				
SSC420	4" x 2"				
SSC430	4" x 3"				



PHYSICAL TESTS & INSTALLATION ON REVERSE SIDE



SUBMITTAL: NO-HUB COUPLINGS

Welcome to the NewAge

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TEST	PHYSICAL TESTS - MIN OR MAX REQUIREMENTS	ASTM METHOD
TENSILE STRENGTH	1500 psi min.	D412
ELONGATION	250min.	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	25% max after 22 hours at 158° F.	D395 Method B
OIL IMMERSION	80% max. volume change after immersion in ASTM oil IMR903 for 70 hours at 212° F.	D471
OZONE CRACKING	No visible cracking at 2 times magnification of the sealing sleeve after 100 hours exposure in 1.0 ppm ozone concentration at 100° F. Testing and inspection to be on sealing sleeve 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

INSTALLATION

1. In order to provide a sound joint with field cut lengths of pipe, the end shall be cut square. Pipe and fittings used with no-hub couplings should be listed products.
2. Place gasket on the end of one pipe and the clamp assembly over the other pipe or fitting.
3. Fit second hubless pipe or fitting end into gasket, firmly putting both ends against the rib, or shoulder, in the center of the gasket. Make certain the pipe and/or fitting to be joined are in proper alignment, then slide the loose coupling over the gasket neatly so that the gasket is completely covered.
4. Using a calibrated torque wrench, tighten the stainless steel screws alternately starting with inner screw to the proper torque in inch pounds (60 inch pounds).
5. You now have a completed No-Hub joint.