

No-Hub Couplings

Mainline

Charlotte Pipe & Foundry Co.



SUBMITTAL STANDARD NO-HUB COUPLING

MAINLINE Standard-Duty Couplings are engineered to connect no-hub cast iron pipe in applications replacing the less-efficient hub & spigot material. The couplings consists of a high quality elastomeric compound (ASTM C 564) gasket housed inside a 301 stainless steel corrugated shield. Shield is 0.007" thick. Depending on the size of the shield, two or four 301 stainless steel clamps encircle the shield and provide the sealing force. The 5/16" hex-head screws are 305 stainless steel. Available in sizes ranging from 1-1/2" – 10". The couplings are designed for installation torque of 60 in-lbs. The entire coupling is corrosion resistant. Conforms to ASTM C1277 and CISPI 310.

Sizes 1-1/2", 2", 3", and 4" consist of a 2-1/8" wide corrugated 301 stainless steel shield with two stainless steel clamps mounted in a series and secured with fixed and floating eyelets to allow the clamp to travel during tightening.

Sizes 5" and 6" consist of a 3" wide corrugated 301 stainless steel shield with four clamps.

Sizes 8" and 10" consist of a 4" wide corrugated 301 stainless steel shield with four stainless steel clamps.

Size	Part No.	Installation Torque Inch Pounds	No. of Clamps Per Coupling
1-1/2"	ML112NHC	60	2
2"	ML2NHC	60	2
3"	ML3NHC	60	2
4"	ML4NHC	60	2
5"	ML5NHC	60	4
6"	ML6NHC	60	4
8"	ML8NHC	60	4
10"	ML10NHC	60	4
2" X 1-1/2"	ML2112NHC	60	2
3" x 2"	ML32NHC	60	2
4" x 3"	ML43NHC	60	2

Materials	
Band & Housing:	Type 301 AISI stainless steel
Screw:	Type 305 AISI stainless steel, 5/16" hex head
Shield:	Type 301 AISI stainless steel, corrugated, thickness 0.007"
Gasket:	The gasket shall be fabricated from a high quality elastomeric compound (ASTM C 564).

Date: _____

Project: _____

Architect: _____

Contractor: _____

Engineer: _____

CHARLOTTE

PIPE AND FOUNDRY COMPANY

This is to certify that all Cast Iron Pipe and Fittings manufactured by Charlotte Pipe and Foundry Company are manufactured in the United States and conform to the following standards:

SERVICE HUB AND SPIGOT PIPE AND FITTINGS

All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
ASTM A 74
ANSI A 112.5.1
Listed by NSF® International
ISO 9001:2008

EXTRA HEAVY HUB AND SPIGOT PIPE AND FITTINGS

All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
ASTM A 74
ANSI A 112.5.1
Listed by NSF® International
ISO 9001:2008

NO-HUB PIPE AND FITTINGS

All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
CISPI Standard 301
ASTM A 888
Listed by NSF® International
ISO 9001:2008



NO-HUB COUPLINGS

CISPI Standard 310
ASTM C 1277
Certified by NSF® International

NO-HUB HEAVY DUTY COUPLINGS

ASTM C 1540

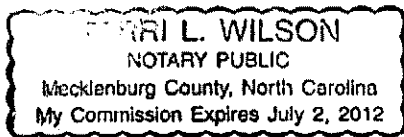
COMPRESSION GASKETS

ASTM C 564
CISPI HSN 85

Very truly yours,

Hooper Hardison, Executive Vice President

Notary Public
My commission expires July 02, 2012



LC-CI (811)

06/07/2011