



Grooved Ductile Iron Pipe



ANSI/AWWA C606 - NAPF 400

Grooved Ductile Iron Pipe is manufactured for air, water, sewage, oil and other liquids where owners, specifiers, and contractors express a preference in lieu of flanged fabrication. The joint employs shoulders or grooves fabricated to the pipe to be used in conjunction with a segmented mechanical coupling. The joint may be designed to be fabricated as rigid or flexible to meet installation requirements. For added flexibility, pipe may be ordered with one end grooved and the other furnished with a wide range of end connections to accommodate particular design requirements.

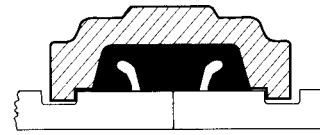
STANDARDS & CERTIFICATION

Grooved Ductile Iron Pipe is manufactured in accordance with ANSI/AWWA C606; NAPF 400 and certified accordingly by Underwriters Laboratories (Certificate Number 101097-MH25360).

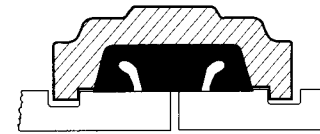
Ductile iron pipe barrels conform to the requirements of ANSI/AWWA C151/A21.51; NAPF 100 (minimum Class 53, subject to manufacturing tolerances and additional wall thickness for larger diameters, as may be required). Radius grooves may be fabricated to rigid or flexible dimensions as referenced in ANSI/AWWA C606; NAPF 400. Unless specified otherwise pipe is furnished to rigid groove specifications.

WORKING PRESSURE

Grooved ductile iron pipe is manufactured from pipe produced in accordance with ANSI/AWWA C151/A21.51; NAPF 100. Suitable class thickness pipe is rated at the pipe foundry according to the tables contained therein. Since grooved pipe working pressures depend upon the diameter of pipe, grooving details and other methods of adaptation, the coupling manufacturer should be consulted to determine working pressure ratings of the joint. Section 5.2 ANSI/AWWA C606 specifies testing requirements for working pressure ratings.



Rigid Radius Cut Groove



Flexible Radius Cut Groove

LENGTH

Maximum length of grooved pipe is 19'6" or more, depending on size. Exact length (subject to manufacturing tolerances) may be furnished down to minimum practical lengths depending on size.

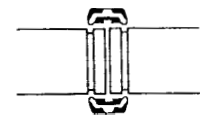
INTERIOR LININGS

Unless otherwise specified, grooved pipe is furnished cement-mortar interior lined and seal coated in accordance with ANSI/AWWA C104/A21.4; NAPF 500. Unlined, bituminous lined or other special linings may be available upon request and may be applied in accordance with NAPF 500. Standard cement-mortar and some other linings are individually certified in conformity to ANSI/NSF 61. (See Coatings & Linings).

EXTERIOR LININGS

Unless otherwise specified, flanged pipe is furnished with a Standard bituminous exterior coating per ANSI/AWWA C151/A21.51 Section 51.8.1. Standard exterior primers and other special coatings may be available upon request and may be applied in accordance with NAPF 500. (See Coatings & Linings).

NOTE: Grooved pipe is furnished to rigid groove dimensions unless otherwise specified.



Form No. FP0202

Grooved Ductile Iron Pipe is made to order and is not returnable.

Fab pipe inc.

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