



February 10, 2012

HAVILAND DRAINAGE PRODUCTS
JASON SCHAFER
10 W. MAIN ST
HAVILAND OH

Re: Description: PIPES AND FITTINGS, POLYETHYLENE
Manufacturer: HAVILAND DRAINAGE PRODUCTS
Product Name: HAVILAND HEAVY DUTY SMOOTH FLOW PIPE AND FITTINGS
Model Number(s): 4", 6", 8", 10", 12", 15", 18", 24", 30", 36", 42", 48", 60"
Product File No: 20120075

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 384.30 (3) (c) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of February 2017.

This alternate approval is contingent upon compliance with the following stipulation(s):

- Smooth Flow fittings are approved provided: All changes in direction of flow shall be made by appropriate use of 45 degree wyes, long or short sweep 1/4th bends, 1/6th, 1/8th or 1/16th bends, or by a combination of these or other equivalent fittings. Fittings which change the direction of flow for 8" or less in diameter shall conform to the minimum radii specified in Table 382.30-4.
- This product may be installed for the following drain use(s):
 - a. Sanitary sewer gravity flow
 - b. Storm sewer gravity flow

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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