



Department of Safety and Professional Services
Division of Industry Services
Plumbing Product Review
4822 Madison Yards Way
P.O. Box 7162
Madison, Wisconsin 53707-7162
Phone 608-266-2112
Web <http://dsps.wi.gov>
Email dsps@wisconsin.gov
TTY: Contact Through Relay

Governor Tony Evers Dawn Crim, Secretary

January 29, 2020

UPONOR
NATE KOPPI
5925 148TH STREET WEST
APPLE VALLEY MN 55124

Re: Description: PEX PIPE, ALTERNATE PLUMBING SYSTEM
Manufacturer: UPONOR
Product Name: UPONOR PEX TUBING AND PROPEX FITTINGS
Model Number(s): 1/2, 3/4, 1, 1^{1/4}, 1^{1/2}, 2, 2^{1/2} AND 3" PEX PIPE AND ASSOCIATED PROPEX FITTINGS
eSLA ID: PTO-TBD90

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 382.40 (7) (e) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of January 2025.

This alternate approval is required because the manufacturer is seeking a maximum flow velocity that exceeds 8 feet per second (fps).

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

- This piping material shall be installed in accordance with the manufacturer's published instructions:

https://www.uponorpro.com/~media/Extranet/Files/manuals/PLU_InsG_P600_0911LR.aspx?sc_lang=en

If there is a conflict between the manufacturer's published installation instructions and the Wis. Adm. Code, the Wis. Adm. Code shall take precedence.

- This piping material may be installed for the following uses:
 1. Water services and private water mains
 2. Water distribution.
- The maximum flow velocity for this piping material is 10 fps.

Velocity can be calculated via the following formula:

$$V = 0.408 Q/D^2$$

Where:

V = water velocity (ft./sec.)
Q = flow rate (gpm)
D = inside pipe diameter (in.)

- The installer is responsible for applying water hammer arrestors as appropriate and in accordance with s. SPS 382.40 (8) (f).
- Pipe shall be installed in strict accordance the manufacturer's published instructions and the Wis. Adm. Code. Only Uponor fittings shall be used.

- The manufacturer shall maintain compliance with ASTM F876 and/or ASTM F877 for this pipe and associated fittings.
- All metallic fittings used with this piping system shall conform to NSF 372.
- For the duration of this approval, the manufacturer shall maintain the following in addition to conformance with ASTM F876/F877:
 1. white PEX = PEX 5106
 2. red and blue PEX = PEX 5306

These designations shall be marked on the outside of the pipe.

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,

A handwritten signature in black ink, appearing to read 'Glen W. Schlueter', with a long horizontal line extending to the right.

Glen W. Schlueter
Plumbing Product Reviewer
Dept of Safety and Professional Services
Division of Industry Services
Bureau of Technical Services
(608) 267-1401 Phone
(608) 267-9723 Fax
glen.schlueter@wi.gov E-mail