

BUILDING PRODUCTS PROGRAM

Class: **Plumbing – Plastic Piping and Accessories**

Customer: UPONOR, INC.
Location: Apple Valley, Minnesota

Listing No. P321-3
Effective Date: August 28, 2012
Last Revised: July 4, 2025
Expires: N/A
Website: www.uponor-usa.com

Product(s): UPONOR PEX Piping, Fittings and Valves.

Standard(s): CAN/ULC S102.2 "Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies".

Models: UPONOR AquaPEX Cross-linked polyethylene (PEX) pipe (natural, red, blue); HePEX Pipe (natural, red, blue); RCW PEX; installed with EP ProPEX connectors, PEX rings, EP ProPEX Connectors, or Brass CPVC adaptor fittings and Valves

Marking(s): All PEX tubing, connectors, angle stop valves, and other accessories (if sufficient space available) shall be permanently marked with the following content applied to an area that is readily visible after installation:

- Manufacturers name or trademark
- Model Name
- Standard: CAN/ULC S102.2
- Flame Spread Rating < 50, Smoke Developed Rating < 50
- Nominal Size
- QAI Logo with 'c' indicator

Rating(s): **The following outlines the performance of Uponor Inc. pipe determined in accordance with the noted standards.**

CAN/ULC S102.2 – Flame Spread Characteristics

Product	Limitations	Flame Spread Rating	Smoke Developed Classification
(Water-Filled Listing Only) AquaPEX pipe (natural, red, blue) ¹ ; HePEX (natural, red, blue); RCW PEX; PEX rings; EP ProPEX Connectors, Brass CPVC adaptor fittings and Valves.	2-inch maximum nominal diameter tubing of water-filled pipe. There are no spacing requirements between adjacent runs of this pipe assembly Optional: Pipe insulation can be installed maintaining ratings noted. ²	< 25	< 50

Note¹: Different sizes corresponding to different colors of AquaPEX and HePEX are dependent on manufacturer's availability

Note²: List of approved pipe insulation providers:

The following list of pipe insulation types (at minimum thickness of ½") are approved for use with Uponor's hePEX, AquaPEX and Brass CPVC adaptor fittings at a maximum nominal diameter of up to 3". The insulations noted when Listed to ASTM C547 by an approved agency are approved for use at the dimension specified above.

Insulation	Flame Spread Rating (according to ASTM E84)	Smoke Developed Rating (according to ASTM E84)
Mason Alley-K	< 25	< 50
Johns Manville Micro-Lok		
Johns Manville Micro-Lok HP		
Owens Corning Vapor Wick		
Owens Corning Fiberglass		
GLT Pipe and Tank		
Knauf Earthwool Redi-Klad		

Note: These products are subjected to limitations as specified above and must be installed in accordance with the manufacturers' instructions. Authorities having jurisdiction should be consulted regarding allowable applications. See manufacturer's listings for other standards listed under QAI certification programs.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI.

No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing.

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Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.

FORM History

History Date	Version	Change Description	Reviewed By	Approved By
04/17/2014	3.0	Added disclaimer to form.	J. Johnson	K. Adamson