

PLUMBING PRODUCTS LISTING PROGRAM

Class: Piping Systems and Accessories

Customer: Zurn Pex, Inc.
Location: Commerce, Texas

Listing No.: P329-1
Effective Date: September 22, 2014
Last Revised: April 30, 2015
Expires: N/A
Website: www.zurnpex.com

Product: Zurn PEX Piping, Zurn ZPex Pipe Supports and Zurn Pex XL Insert Fittings and Valves, and Copper Crimp Rings.

Standards: ASTM E84 “Standard Test Method for Surface Burning Characteristics of Building Materials”

CAN/ULC S102.2 “Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies”.

Models: Zurn PEX piping (in red, white and blue colors) products surface burning characteristics are described as follows:

Models: Zurn PEX piping described below have the following Surface Burning Characteristics per ASTM E84:

| Products | Limitations | Flame Spread Index | Smoke Developed Index |
|---|---|---------------------------|------------------------------|
| Q8PS20X (2") Q7PS20X (1-1/2") Q6PS20X (1-1/4") Q5PS20X (1"), XL Fittings and ZPEX Supports | Maximum 2-inch nominal diameter piping, supported continuously with 23 gauge Zurn ZPEX Pipe Supports, with a maximum (joint) gap distance of 10-inches between ZPEX support. Maximum 2 adjacent Zurn PEX pipe runs per plenum / cavity. | < 25 | < 50 |
| Q8PS20X (2") Q7PS20X (1-1/2") Q6PS20X (1-1/4") Q5PS20X (1"), XL Fittings and ZPEX Supports | Maximum 2-inch nominal diameter piping, installed with rated ½-inch pipe insulation ¹ ; No spacing requirements between adjacent runs. Optionally can be installed with Zurn ZPEX Pipe Supports. | < 25 | < 50 |
| Q4PS20X (3/4") , XL Fittings and ZPEX Supports | Maximum ¾-inch nominal diameter tubing installed bare. Optional rated ½-inch pipe insulation or with Zurn ZPEX | <25 | <50 |

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| | supports can be used. Minimum 18-inch on center spacing between adjacent pipe runs. | | |
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Note¹: List of approved pipe insulation providers in the Insulation table at the end of the listing.

Zurn Pex piping described below have the following Surface Burning Characteristics per CAN/ULC S102.2.

| Products | Limitations | Flame Spread Index | Smoke Developed Index |
|----------|---|--------------------|-----------------------|
| Q3PS20X | Maximum 1/2-inch nominal diameter tubing. Maximum 2 Zurn PEX pipes per plenum / cavity. | < 25 | < 50 |

The following list of pipe insulation types (at minimum thickness of 1/2”) are approved for use with Zurn PEX piping at a maximum nominal diameter of 2”. 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 |
| Armaflex Composite | < 25 | < 50 |
| Johns Manville Micro-Lok | < 25 | < 50 |
| Johns Manville Micro-Lok HP | < 25 | < 50 |
| Owens Corning Vapor Wick | < 25 | < 50 |
| Owens Corning Fiberglass | < 25 | < 50 |
| GLT Pipe and Tank | < 25 | < 50 |
| Knauf Earthwool Redi-Klad | < 25 | < 50 |
| Nomalock | < 25 | < 50 |

Label: The finished product bears the following information: Product Name, Product nominal size, Manufacturer name, City and state of manufacture, QAI Logo with the “c” and “us” indicator, QAI file number, Date of manufacture, the standards “ASTM E84” and “CAN/ULC S102.2”, Flame Spread Rating < 25, Smoke Developed Rating < 50, and the wording “to be installed as described in QAI Listing”.

Note: The product must be installed in accordance with the code enforced by the authority having jurisdiction. Final acceptance of the product in the final installation is subject to inspection by the authority having jurisdiction.

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 |