

## BUILDING PRODUCTS LISTING PROGRAM

Customer: Viega, LLC  
 Class: Plastic Piping and Accessories  
 Location: McPherson, Kansas, USA  
 Website: [www.viega.com](http://www.viega.com)  
 Listing No. P341-1  
 Project No. P341-1, Edition 4  
 Effective Date: March 20, 2016  
 Last Revised: August 19, 2026

Standard(s): ASTM E84 -18 *“Standard Test Method for Surface Burning Characteristics of Building Materials.”*  
 UL 2846 -14 *“Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics.”*

Product(s): Cross-linked Polyethylene PEX Piping, 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:
 

- Manufacturers name or trademark
- Model Name
- Standard: ASTM E84
- Flame Spread Rating < 25, Smoke Development Rating < 50
- UL 2846 Flame Propagation < 15, Peak Optical Density 0.845, Average Optical Density 0.125
- Nominal Size
- QAI Logo with ‘us’ indicator

**The following outlines the performance of Viega PEX pipe determined in accordance with the noted standards.**

Rating(s): **ASTM E84 – Surface Burning Characteristics**

| Limitations                                                                                                                                                                                                                                                                                                        | Flame Spread Index | Smoke Developed Index |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|
| 2-inch maximum diameter tubing; Supported continuously with 23-gauge Viega PEX Pipe supports. Areas of exposed Viega pipe between PEX Pipe supports is to be encased with approved pipe insulations <sup>1</sup> . Piping is to be clamped with standard support clamps following Viega installation instructions. | < 25               | < 50                  |

**Note<sup>1</sup>: List of approved pipe insulation providers:**

The following list of insulation types (at minimum thickness of ½”) are approved for use with ViegaPEX and ViegaPEX Ultra products when installed with Viega PEX fittings and

valves of up to maximum 2 inch diameter. The insulation noted must be listed to ASTM C547 by an approved listing agency.

| Insulation                  | Flame Spread Rating (according to ASTM E84) | Smoke Developed Rating (according to ASTM E84) |
|-----------------------------|---------------------------------------------|------------------------------------------------|
| Johns Manville Micro-Lok    | < 25                                        | < 50                                           |
| Johns Manville Micro-Lok HP |                                             |                                                |
| Owens Corning Fiberglass    |                                             |                                                |

**UL 2846** - Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics.

| Limitations                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-inch maximum diameter tubing;<br>All areas of exposed Viega pipe between PEX Pipe supports is to be encased. fiberglass insulation (3MAPOM2x1/2). Piping is to be clamped with standard support clamps following Viega installation instructions. |

| Insulation                           | Flame Spread Rating (according to UL 2846) | Peak Optical Density | Average Optical Density |
|--------------------------------------|--------------------------------------------|----------------------|-------------------------|
| Fiberglass insulation (3MAPOM2x1/2). | < 15                                       | 0.845                | 0.125                   |

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.

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