QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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PLUMBING PRODUCTS LISTING PROGRAM

Customer: Mosack Group, LLC.
Class: Plastic Piping and Accessories
Location: Mint Hill, NC
Website: www.purepex.com

Listing No. P387-1
Effective Date: June 20, 2025
Last Revised Date: October 29, 2026
Expires: <N/A>

Standards: ASTM E84-26 “Standard Test Method for Surface Burning Characteristics of Building Materials”.

CAN/ULC S102.2:18 “Standard Method of test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies”.

Product: Apollo pipes with fittings in the following options:
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Markings: All PEX tubing, connectors, fittings, 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:

a) Manufacturer’s name or trademark
b) Model designation
c) Nominal Pipe Size
d) Manufacturer’s traceability code.
e) QAI file Number: P387
f) ASTM E84 / CAN/ULC S102.2 Ratings (FSI ≤ 25 / SDI ≤ 50)
g) QAI logo shown here:

Products for use in Canada may require English and French labeling.

Rating(s): The following outlines the performance of Apollo PEX-A products in accordance with the noted standards.

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ASTM E84 – Surface Burning Characteristics

Products	Limitations	Flame Spread Index (FSI)	Smoke Developed Index (SDI)
Apollo PEX-A (red, white, blue, natural[1])	Up to 2 inch (51 mm) nominal diameter pipes and accessories installed with ½-inch (13 mm) pipe insulation[2]; no spacing requirements between adjacent runs of tubing.	≤ 25	≤ 50
Apollo PEX-A (orange)	½-inch (13mm) and ¾-inch (19mm) diameter pipes and accessories, uninsulated and minimum 18 inch (457 mm) minimum spacing between adjacent runs of tubing.		
	½-inch (13mm) and ¾-inch (19mm) diameter pipes and accessories installed with ½-inch (13 mm) pipe insulation2; no spacing requirements between adjacent runs of tubing.		
Apollo PEX-B (red, white, blue)	½-inch to (13 mm) 2-inch (51 mm) nominal diameter pipes and accessories installed with ½-inch (13 mm) pipe insulation[2]; no spacing requirements between adjacent runs of tubing.		

Note 1: Different sizes corresponding to different colors of Apollo are dependent on manufacturers availability.
Note 2: List of approved pipe insulation for use with products are outlined below.

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CAN/ULC S102.2 – Surface Burning Characteristics

Products	Limitations	Flame Spread Index (FSI)	Smoke Developed Index (SDI)
Apollo PEX-A (red, white, blue, natural[1])	Up to 2 inch (51 mm) nominal diameter tubing product and accessories installed with rated ½ inch (13 mm) pipe insulation[2]; no spacing requirements between adjacent runs of tubing.	≤ 25	≤ 50
Apollo PEX-A (orange)	½-inch (13mm) and ¾-inch (19mm) diameter pipes and accessories, uninsulated and minimum 18 inch (457 mm) minimum spacing between adjacent runs of tubing.		
	½-inch (13mm) and ¾-inch (19mm) diameter pipes and accessories installed with ½-inch (13 mm) pipe insulation[2]; no spacing requirements between adjacent runs of tubing.		
Apollo PEX-B (red, white, blue)	½-inch to (13 mm) 2-inch (51 mm) nominal diameter pipes and accessories installed with ½-inch (13 mm) pipe insulation[2]; no spacing requirements between adjacent runs of tubing.		

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The following list of insulation types (at minimum thickness of ½ inch (13 mm) are approved for use with The Mosack Group, Inc.'s piping and accessories products at the maximum sizes outlined in the tables above.

The insulations noted must be listed to ASTM C547 by an approved agency are approved for use at the dimension specified above.

Insulation	Flame Spread Index (FSI)	Smoke Developed Index (SDI)
Mason Alley-K Johns Manville Micro-Lok HP Johns Manville Micro-Lok Owens Corning Vapor Wick Owens Corning Fiberglass GLT Pipe and Tank Knauf Earthwool Redi-Klad	≤ 25	≤ 50

Notes: 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 warranty 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. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.

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