



PLUMBING PRODUCTS LISTING PROGRAM

Customer: Reliance Worldwide Corporation DBA Cash Acme
Class: Plastic Piping and Accessories
Location: Cullman, Alabama, USA
Website: <https://www.rwc.com/>

Listing No. P343-1
Effective Date: July 1, 2016
Last Revised March 11, 2025
Expires: N/A

Standards: ASTM E84-18 *“Standard Test Method for Surface Burning Characteristics of Building Materials”.*
CAN/ULC S102.2-18 *“Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies”.*
ASTM E119-24 *“Standard Test Methods for Fire Tests of Building Construction and Materials”.*
CAN/ULC S101-14 *“Standard Methods of Fire Endurance Tests of Building Construction and Materials”.*
UL 263-11 *“Fire Tests of Building Construction and Materials”.*

Products: Cross-linked Polyethylene PEX Piping, Fittings and Valves
Polyvinyl Chloride (PVC) Testrite Tees
SharkBite Max brass fittings

Models: Cash Acme/SharkBite Type PEX-a (red, white, blue, natural, purple)
Cash Acme/SharkBite Type PEX-b (red, white, blue)
SharkBite EvoPEX (K-series) Push-to-Connect fittings
13 to 25 mm (1/2" to 1") plastic crimp (barb) fittings
13 to 51 mm (1/2" to 2") brass crimp (barb) fittings
13 to 51 mm (1/2" to 2") plastic expansion fittings
13 to 51 mm (1/2" to 2") brass expansion fittings
SharkBite Universal (U-series) Push-to-Connect fittings
SharkBite 2XL (SB-series) Push-to-Connect fittings
SharkBite 2XLR (UXL-series) Push-to-Connect fittings
SharkBite Max brass fittings

Markings: All PEX tubing, connectors, 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:

- a) Manufacturer's name or trademark
- b) Standard: ASTM E84, CAN/ULC S102.2
- c) Flame Spread Rating ≤ 25 , Smoke Developed Rating ≤ 50 (FSI ≤ 25 / SDI ≤ 50)
- d) Nominal Size
- e) QAI logo with 'c' and 'us' identifier



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

ASTM E84 – Surface Burning Characteristics

Limitations	Flame Spread Index	Smoke Developed Index
Maximum 51 mm (2-inch) nominal diameter PEX-a or PEX-b piping, installed with rated minimum 13 mm (1/2-inch) pipe insulation ¹ . No spacing requirements between adjacent runs. Maximum SharkBite EvoPEX (k series), plastic crimp and plastic expansion fittings frequency of 1 every 152 mm (6-inches), encased with approved pipe insulations ¹ . No spacing limitations on brass accessories.	< 25	< 50

CAN/ULC S102.2 – Surface Burning Characteristics

Limitations	Flame Spread Index	Smoke Developed Index
Maximum 51 mm (2-inch) nominal diameter PEX-a or PEX-b piping, installed with rated minimum 13 mm (1/2-inch) pipe insulation ¹ . No spacing requirements between adjacent runs. Maximum SharkBite EvoPEX (k series), plastic crimp and plastic expansion fittings frequency of 1 every 152 mm (6-inches), encased with approved pipe insulations ¹ . No spacing limitations on brass accessories.	< 25	< 50

1- See list of approved pipe insulation providers



The following list of insulation types (at minimum thickness of 13 mm (1/2”) are approved for use with Cash Acme/SharkBite PEX products (13 – 51 mm (1/2” -2”). The insulation noted must be listed to ASTM C547 by an approved listing agency. Values are based on ASTM E84 testing.

Insulation	Flame Spread Rating	Smoke Developed Rating
Johns Manville Micro-Lok	< 25	< 50
Johns Manville Micro-Lok HP		
Owens Corning Fiberglass		

UL 263, ASTM E119, CAN/ULC S101 – Wall Assemblies

QAI Design #	Wall Type	Load	Fire Endurance Period
P343-1A	Light Gauge Steel Stud	Non-Load Bearing	1 Hour
P343-1B	Wood Dimensional Lumber Stud	Restricted Load-Bearing	1 Hour

UL 263, ASTM E119, CAN/ULC S101 – Floor / Ceiling Assemblies

QAI Design #	Floor / Ceiling Type	Load	Fire Endurance Period
P343-1C	Wood Dimensional Lumber Joist	Restricted Load-Bearing	1 Hour
P343-1D	Concrete Slab and Beam	Load-Bearing	2 Hour

Note: Pipe sizes are nominal dimensions.

Note: 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.
