

THE AQUAPURE PRINT STREAM

STRONG

WORKABLE

AQUAPURE®

PURE

Recyclable

AquaPure is 100% Recyclable in the Polyethylene Recycle Chain

Length Mark

Total length marked in 5ft Increments and always starts at 0ft.

Date and Time of Manufacturing

SDR-9

Pipe Sizing Standard for wall thickness

CTS

Size of Tubing - Based on Copper Tube Size (OD controlled)

American Legend Manufacturing

Division of Legend Valve & Fitting, Inc.

ASSE 1061

Compatible ASSE Push Fit Fitting Standard

2399NT BIMODAL POLYETHYLENE

Manufactured using patented DOW HyperTherm™ Bimodal PE Resin

ASTM F1807 / 2159 / 2098 / 2080

Compatible ASTM Fitting System Standards

200 PSI @ 73°F 100PSI @ 180°F

Operating Temperature and Pressure Ratings

CL5

Level 5 Chlorine Resistance
ASTM F2023 100% Continuous Use at 140F

AWWA C904

Meets the Performance Requirements of AWWA C904.

CAN/ULC S102.2

Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Covering, Etc.

ASTM E84

Standard Test Method for Surface Burning Characteristics of Building Materials

cETLus FS25/SD50

Certified and Listed for Flame and Smoke Spread E84 and CAN / ULC S102.2

ICC-ES PMG-1363

Certified and Listed to IPC and UPC Plumbing Code and IRC Residential Code

PE-RT PE445574A

Material Cell Designation Code

ASTM 2769

Certified to Standard for Hot and Cold Potable Distribution System (PEX Equivalent standards are ASTM 876/877)

U.P. Code

Certified and listed to UPC Plumbing Code

CSA-B137.18

Certified to Canadian Standard for Potable Pressure Pipe

Size	Type	Item No.
3/4"	100' Coil	502-34-100
3/4"	300' Coil	502-34-300
3/4"	500' Coil	502-34-500
1"	100' Coil	502-10-100
1"	300' Coil	502-10-300
1"	500' Coil	502-10-500
1-1/4"	100' Coil	502-114-100
1-1/4"	300' Coil	502-114-300
1-1/2"	100' Coil	502-112-100
1-1/2"	300' Coil	502-112-300
2"	100' Coil	502-20-100
2"	300' Coil	502-20-300



THE LEGEND® 100 YEAR WARRANTY

Legend® warrants AquaPure® Bimodal Polyethylene – Raised Temperature tubing for one hundred years.

cNSF us-pw

Certified for Potable Water NSF 61 and NSF 1

Legend AquaPure®

Company and Brand Name

AquaPure is The Evolution of Potable Water Tubing

Manufactured using the latest high-density polyethylene (HDPE) resin to date, AquaPure is the most advanced PE-RT tubing available on the market today.

AquaPure tubing meets the rigorous potable water standards of both Canada and the United States, as well as fully exceeding the requirements of ASTM 2769. This specification is the PE-RT equivalent of ASTM 876 and 877, which are the performance standards of PEX tubing.

	AquaPure® PE-RT (ASTM 2769)	PEXa Pipe (ASTM 876 / 877)
Cross-Linking	No cross-linking required, as AquaPure uses the latest and patented bimodal resin technology.	High degree of cross-linking is required to meet the strength requirements of potable systems.
Thermoplastic vs. Thermoset	PE-RT is a thermoplastic and naturally retains its flexibility. It is also fully fusible and 100% recyclable.	PEX is a thermoset, which provides its thermal memory.
Hot Bend Test	In ASTM 2769 hot bend tests, AquaPure tubing is heated, bent, then pressurized for 1000 hours at 180°F (82°C)	In ASTM 876 hot bend tests, PEXa tubing is heated, bent, then pressurized for 1000 hours at 180°F (82°C)
UV Resistance	12-Month UV resistance based on PEX ASTM F876/ F2657 UV test.	12-Month UV resistance based on PEX ASTM F876/ F2657 UV test.
Maximum Temperature and Pressure	Up to 200psi at 73°F (22.78°C) Temperatures up to 180°F (82°C) Burst Pressure 720psi @ 73°F (23°C)	Only 160psi at 73°F (22.78°C) Temperatures up to 200°F (93°C) Burst Pressure 475psi @ 73°F (23°C)
Temperature and Pressure Ratings	Meets identical excessive temperature testing as PEX in ASTM 876. Based on ASTM D1598 which requires 720 hours at 210°F (99°C)	PEX in ASTM 876 requires 720 hours at 210°F (99°C). Based on ASTM D1598.
Strength	ASTM 2769 exceeds the identical environmental stress crack requirement as set in PEX ASTM 876. This states that the pipe must withstand more than 100 hours before failure.	PEX ASTM 876 states pipe must withstand more than 100 hours before failure.
Flexibility	Bend radius is 5 times the OD	Bend radius is 5 times the OD