

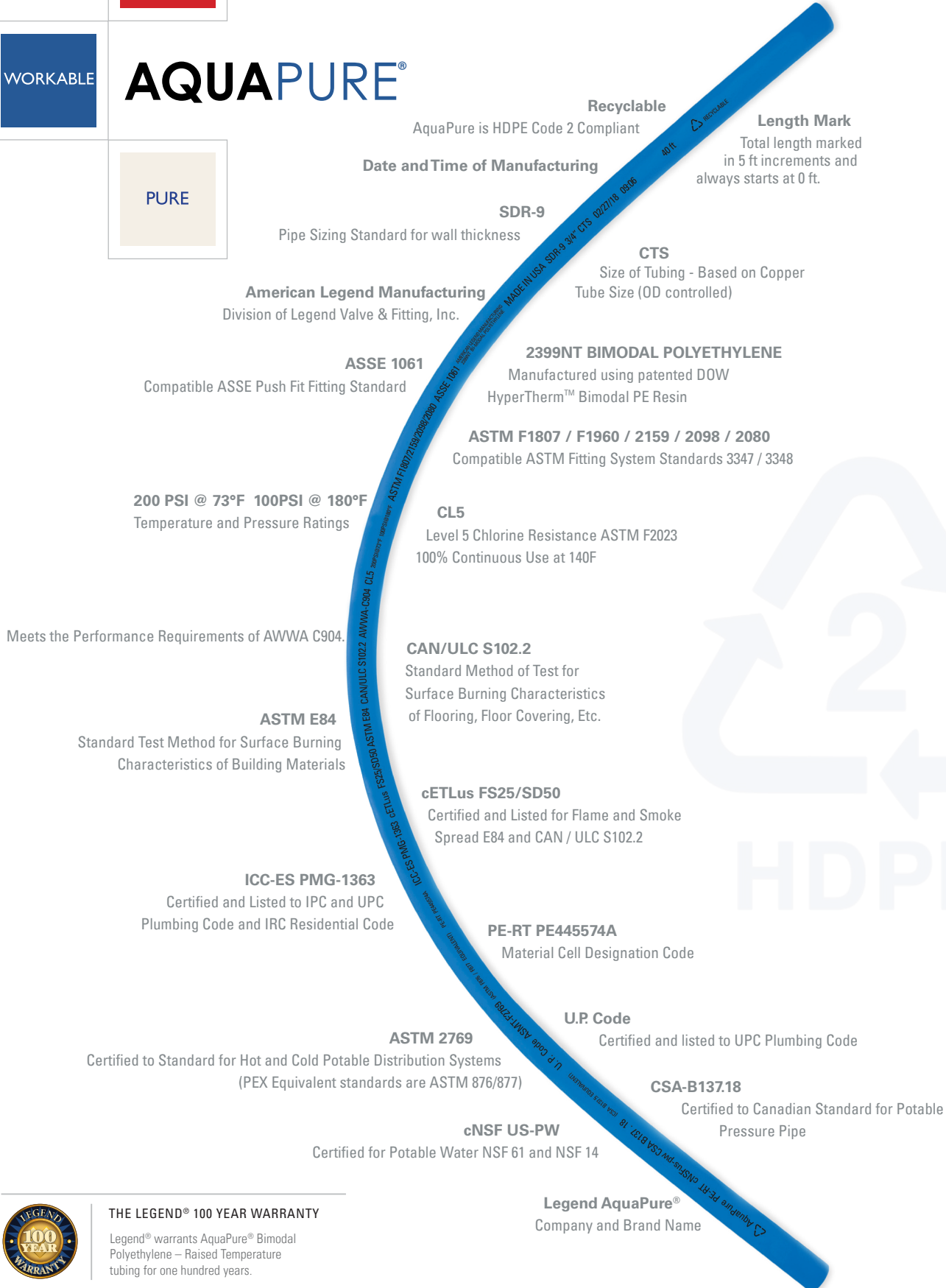
STRONG

WORKABLE

AQUAPURE®

PURE

THE AQUAPURE PRINT STRING



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)	PEX 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, PEX tubing is heated, bent, then pressurized for 1000 hours at 180°F (82°C)
Temperature and Pressure Ratings:	Up to 200psi at 73°F (22.78°C) Temperatures up to 180°F (82°C)	Only 160psi at 73°F (22.78°C) Temperatures up to 200°F (93°C)
Burst Pressure	720psi @ 73°F (23°C) 100psi @ 180°F (82°C)	475psi @ 73°F (23°C) 100psi @ 180°F (82°C) 80psi @ 200 °F (93°C)
Excessive Temperature Testing	Meets identical excessive temperature testing as PEX in ASTM 876. Based on ASTM D1598 which requires 720 hours at 150 PSI and 210°F (99°C)	PEX in ASTM 876 requires 720 hours at 150 PSI and 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