



LYNX-PEX™: A Reliable, Canadian-Made Water Service Solution for Municipalities

Across Canada, many municipalities still rely on traditional copper service lines or early-generation plastic piping for their water service connections. While these legacy systems have served communities for decades, they come with limitations: corrosion, costly repairs, reduced flow over time, and energy inefficiencies. As infrastructure ages and municipalities face increasing pressure to modernize, the need for a smarter, long-term solution has never been clearer.



Enter LYNX-PEX™ — the Next Evolution in Municipal Water Service Tubing

Proudly made in Canada by CB Supplies Ltd., LYNX-PEX is constructed from durable **PEX-b material**, known for its strength, flexibility, and long-term performance. Designed to **meet and exceed ANSI/AWWA C904, ASTM F876, and CSA B137.5 requirements**, LYNX-PEX boasts the industry's **highest chlorine and UV resistance ratings** for PEX tubing. It's also certified to **NSF/ANSI/CAN 61 and NSF/ANSI 14**, meeting the most stringent standards for drinking water systems. Backed by a **worry-free 25-year warranty**, it's built for peace of mind and long-term reliability.



Unlike copper, which can corrode or accumulate mineral buildup over time, LYNX-PEX offers **superior corrosion resistance**, ensuring clean, high-quality water for decades. Its **smoother inner wall surface** delivers **maximum long-term flow rates**, reducing the energy needed for pumping and improving overall system efficiency.

Installation is another area where LYNX-PEX stands out. It's **lightweight, flexible**, and doesn't require special tools, cutting down on installation time and labour costs. With the **industry's maximum UV resistance rating available, and maximum chlorine resistance ratings** for PEX, municipalities can be confident they're installing a product built to withstand Canada's diverse environmental conditions.

Size & Coil Lengths

Available in **CTS OD SDR-9 sizing**, [LYNX-PEX](#) comes in the following diameters:

- **¾", 1", 1¼", 1½", and 2"**
- To suit a range of installation needs, **LYNX-PEX is supplied in continuous coils**, lengths include:
- **100 ft., 300 ft., 500 ft., and 1,000 ft.**

Pressure Ratings

Design temperature and pressure ratings for LYNX-PEX Water Service Tubing are:

- **160 psi @ 73°F**, per CSA B137.0 section 6.6.3.1
- **100 psi @ 180°F**, per CSA B137.0 section 6.6.3.1
- **200 psi @ 73°F**, per CSA B137.0 section 6.6.3.2.2

These ratings ensure high performance under varying temperature and pressure conditions typical of municipal applications.

Codes and Standards

LYNX-PEX Water Service Tubing is certified to meet or exceed the following codes and standards:

- **ANSI/AWWA C904** – Crosslinked Polyethylene (PEX) Pressure Tubing for Water Service
- **ASTM F876** – Standard Specification for Crosslinked Polyethylene (PEX) Tubing
- **ASTM F877** – PEX Hot-and Cold-Water Distribution Systems
- **CSA B137.5** – PEX Tubing Systems for Pressure Applications
- **NSF/ANSI/CAN 61** – Drinking Water System Components – Health Effects
- **NSF/ANSI 14** – Plastic Piping System Components and Related Materials
- **NSF/ANSI/CAN 372** – Drinking Water System Components – Lead Content
- **International Plumbing Code® (IPC)**
- **International Mechanical Code® (IMC)**
- **International Residential Code® (IRC)**
- **Uniform Plumbing Code® (UPC)**
- **Uniform Mechanical Code® (UMC)**
- **ASTM F2023** – Oxidative Resistance of PEX to Hot Chlorinated Water
- **ASTM F2657** – Outdoor Weathering Exposure of PEX Tubing



These certifications confirm that [LYNX-PEX](#) is not only compliant with North American regulatory frameworks but also engineered for lasting performance in real-world municipal conditions.

LYNX-PEX with Tracer Wire – Built-In Detectability for Added Peace of Mind

For applications where future location and detection are critical, **LYNX-PEX Water Service Tubing with Tracer Wire** offers a smart, high-performance solution. Manufactured with **integrated 14-gauge (AWG) white tracer wire**, this tubing allows for quick and accurate detection after installation—minimizing the risk of accidental damage during future excavation or construction work.



Available in 3/4", 1", 1 1/4" & 1 1/2" CTS OD SDR-9 sizes, with standard **coil lengths of 60 ft., 75 ft., and 100 ft.**, this variant maintains the same durable, corrosion-resistant PEX-b construction as standard LYNX-PEX. **Custom coil lengths, wire gauge and colour of sheathing for wire gauge are also available upon request**, providing added flexibility for project-specific needs.

In a time when infrastructure spending needs to be both strategic and future-focused, LYNX-PEX gives municipalities a dependable, Canadian-made solution that improves performance today and delivers long-term value.

Nothing LYNX better!

Michael Boudreau P.Eng.



For more information on LYNX-PEX™ Municipal Water Service Tubing, please visit cbsupplies.ca

The information presented in this article is based on professional experience and a review of relevant materials. Any resemblance to existing articles is purely coincidental.