

GAS DISTRIBUTION

MANUFACTURING THE FULL SPECTRUM OF PIPE FOR THE GAS DISTRIBUTION MARKET



Polytubes is the largest manufacturer of polyethylene pipe for gas distribution in Canada. Polytubes has CSA137.4 certified manufacturing facilities in both Alberta and Ontario.

Gas distribution pipe requires the highest quality materials and quality control procedures to ensure that the integrity of the system remains uncompromised.

Polytubes has been a trusted manufacturer of polyethene pipe to the Canadian market for over 50 years and is the industry leader in the innovation and adoption of next generation materials, technologies, and best practices in the gas distribution pipe market.

THE BIMODEL ADVANTAGE

Bimodal polyethene is the next generation of resins that are engineered to meet and exceed the capabilities of traditional unimodal materials. Polytubes is the only national manufacturer of bimodal PE2708 Plus gas pipe which provides:

- Exceptional slow crack growth (SCG) resistance which helps extend service life and enhance pipeline integrity.
- Remarkable rapid crack propagation (RCP) resistance helps prolong life expectancy with enhanced strength and durability in cold weather.
- Excellent high temperature pressure ratings for use in stringent high temperature applications.
- Large diameter and thick wall capabilities – including diameters up to 12 inches.

ABOUT OUR PRODUCTS

- Polytubes manufactures the full spectrum of HDPE PE100, PE4710, MDPE PE2708 “PLUS”, and PE2708 pipe for the gas distribution market.
- Products are available in coils, reels (maximum reeled pipe diameter is 6’’)
- Our yellow Gas Distribution pipe is CSA B137.4 certified and is used in most gas utilities across Canada.
- Corrosion resistant
- Leak-free Joints.

SUSTAINABLE SOLUTIONS

Polytubes uses heavy metal-free (HMF) yellow formulations with no lead or cadmium-based pigments, which helps reduce impact on the environment while promoting workplace safety and health as well as providing excellent weatherability that meets and exceeds UV resistance requirements per ASTM D2513, section 4.10.

TRACEABILITY

All Polytubes gas pipe includes a CSA B137.4 section 7.4 conforming bar code usable for inventory management, fusion information logging and location services, giving end users reliable data tracking capability every step of the way.

