High-density Polyethylene (HDPE) Tubing

Submittal Information
Revision A: Nov. 18, 2009

Project Information

Job Name:

Location: | Part No. Ordered:

Engineer: | Date Submitted:

Contractor: | Submitted By:

Manufacturer's Representative: | Approved By:

Technical Data

Material:	3408 Polyethylene, outside diameter-controlled (SDR 11) material
Standard Grade Hydrostatic Ratings:	140°F at 80 psi (60°C at 5.5 bar)
	120°F at 100 psi (49°C at 6.9 bar)
	100°F at 125 psi (38°C at 8.6 bar)
	73.4°F at 160 psi (23°C at 11 bar)

Product Information and Application Use

Uponor provides high-density polyethylene (HDPE) tubing in 2", 3" and 4" diameters. HDPE tubing is used as supply and return mains for large hydronic heating applications in which the system contains no ferrous corrodible components or where ferrous components are isolated from the tubing.

✓	Description	Part Number	ID	OD	Weight
☐	2" x 20' HDPE Tubing (straight length)	B1812000	1.917"	2.375"	14.0 lbs.
☐	3" x 20' HDPE Tubing (straight length)	B1813000	2.826"	3.500"	26.0 lbs.
☐	4" x 20' HDPE Tubing (straight length)	B1814000	3.633"	4.500"	46.0 lbs.

Installation

Connect tubing and fittings through fusion welding. For additional information, refer to the Radiant Floor Heating Installation Handbook.

Standards

ASTM D3350; CSA B137.1; CGSB 41-GP-25M; NSF 14; NSF 61

Codes

NSPC; NPC of Canada

Listings

PPI PE-3408; NSF 14- and 61-certified

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

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