

Part no. F6151250, 1 1/4" Pre-insulated AquaPEX with 1" insulation, 100-ft. coil

Pre-insulated Uponor AquaPEX® (ASHRAE 90.1-2013) features flexible PEX pipe encased in polyethylene-foam insulation to insulate potable-water lines and meet ASHRAE 90.1-2013 energy-code requirements. The product is approved for use in hot and cold domestic potable water systems, residential fire safety and hydronic heating and cooling systems containing no ferrous corrodible components or where ferrous components are isolated from the piping. The product is also approved for direct burial in

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Specifications

Minimum Order	1
Package Type	Each
Units Per Package	1
Length	100 ft
O.D.	3.34 in.
Tube Diameter	1 1/4 in.
Heat loss (at 70° Delta T)	10.00 BTU/hr/ft
R-value	R-6.10
Coil size (O.D. x Width)	52.00 x 9.00 in.
Weight	39.20 lbs.

Technical data

Service Pipe: Crosslinked polyethylene PEX-a Engel method pipe encased in polyethylene-foam insulation; PEX 5106
 Insulation: Polyethylene foam
 Thermal Conductivity: 0.25 Btu.in/sq.ft.h.degF
 Operating Condition Limits (hydrostatic ratings):

Technical Data

200°F (93°C) at 80 psi (551 kPa)
 180°F (82°C) at 100 psi (689 kPa)
 73.4°F (23°C) at 160 psi (1,103 kPa)
 1"-2" Uponor AquaPEX® White only:
 120°F (49°C) at 130 psi (896 kPa)
 Linear Expansion Rate: 1.10"/10°F/100' (27.94mm/5.56°C/30.48m)

Installation**Installation¹**

Approved fitting system is ProPEX®. ¹ Refer to the Uponor AquaPEX Professional Plumbing Installation Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook for additional information.

Standards**Standards**

ANSI/NSF 14; ANSI/NSF 61; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; ASTM E119/UL 263; CAN/ULC S101; ASTM E814/ULC S115; AWWA C9044; CSA B137.5; CSA B214; UL 18213; ULC/ORD-C199P3

Codes**Codes**

ICC; IPC; IMC; IRC; UPC; UMC; NSPC; HUD; UFGS; NPC of Canada; NBC of Canada

Listings**Listings**

cNSFus-fs3; cNSFus-pw; cQAlus5; UL; CSA; WH5; ETL5; PPI TR-4; ICC-ES; IAPMO; BMEC; CCMC

Related applications**Related applications**

Uponor Plumbing Systems
 AquaSAFE Fire Safety Systems
 Radiant Heating and Cooling Systems
 Hydronic Piping Systems