Ecoflex potable PEX single coils

Project information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	PEX
Subcomponent Material	Jacket: Corrugated, seamless high-density polyethylene (HDPE); UV-protected
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)



Product information and application use

Ecoflex® Potable PEX Single features Uponor AquaPEX® service pipe protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use Ecoflex Potable PEX Single for hot and cold potable-water applications.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.

	Part name	Part no.	Inner diameter coil [mm]	Outer diameter coil [mm]	Inner diameter pipe [mm]	Outer diameter pipe [mm]	R value	Weight per UOM [kg/UOM]
	3/4" Potable PEX with 2.7" Jacket, 1,000-ft. coil	5212775	68.58	304.8	17.04	22.22	9.3	0.159
	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	5212710	68.58	304.8	21.9	28.58	7.4	0.172
	1" Potable PEX with 5.5" Jacket, 600-ft. coil	5215510	139.7	304.8	21.9	28.58	12.3	0.34
	1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil	5215513	139.7	304.8	26.77	34.92	10.7	0.386
	1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil	5216915	175.26	304.8	31.6	41.28	10.8	0.635
	2" Potable PEX with 6.9" Jacket, 300-ft. coil	5216920	175.26	304.8	41.38	53.98	8.9	0.816
✔	3" Potable PEX with 7.9" Jacket, 300-ft. coil	5217930	200.66	304.8	60.91	79.38	7	1.27

Part name	Part no.	Codes	Standards	Listings
Ecoflex potable PEX single coils	All	UPC|IPC|NPC of Canada|NSPC	ASTM F1960|CSA B137.5|NSF/ANSI/CAN 61|ASTM F876|NSF/ANSI 14|ASTM F2023|ASTM F877	U.P.Code

Installation

Install Ecoflex Potable PEX Single in hot or cold potable-water applications. Join pipes using Uponor ProPEX®. Ecoflex End Caps are required on all exposed ends of Ecoflex pipes to avoid ground water contamination. For additional information, refer to the Uponor Pre-insulated Pipe Systems Design and Installation Manual.

Related applications

Pre-Insulated Pipe Systems

Permafrost Prevention Systems

Plumbing Systems

Footnotes

-

Contact information

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517

© 2024 Uponor North America. All Rights Reserved