

## Ecoflex® Potable PEX Twin

Submittal Information

Revision D: Nov. 24, 2015

### Project Information

Job Name:

Location: \_\_\_\_\_ Part No. Ordered: \_\_\_\_\_

Engineer: \_\_\_\_\_ Date Submitted: \_\_\_\_\_

Contractor: \_\_\_\_\_ Submitted By: \_\_\_\_\_

Manufacturer's Representative: \_\_\_\_\_ Approved By: \_\_\_\_\_

### Technical Data

Service Pipe: Crosslinked polyethylene (PEX-a) Engel method; PEX 5106; NSF-certified SDR-9

Insulation: Multilayered, closed-cell, crosslinked polyethylene (PEX) foam insulation with a thermal conductivity of 0.25 BTU in./sq. ft./hour/°F; Vapor permeability of 0.1g/100 sq. in./day

Jacket: Corrugated, seamless high-density polyethylene (HDPE); UV-protected

Operating Limits: 200°F at 80 psi (93°C at 5.5 bar)

180°F at 100 psi (82°C at 6.9 bar)

73°F at 160 psi (23°C at 11.0 bar)

### Product Information and Application Use

Ecoflex® Potable PEX Twin features two Uponor AquaPEX® service pipes protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use Ecoflex Potable PEX Twin for hot and cold potable-water applications. Join pipes using Uponor ProPEX® or WIPEX™ fittings.<sup>1</sup>



✓ Description	Part Number	Service Pipe O.D.	Service Pipe I.D.	Foam Thickness	Insulation Value <sup>2</sup>	Bend Radius	Weight (lbs./ft.)
1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	5226910	1.125"	0.862"	1.54"	R-11.04	20"	1.30 lbs.
1¼" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	5226913	1.375"	1.054"	1.34"	R-9.06	28"	1.40 lbs.
1½" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	5226915	1.625"	1.244"	1.06"	R-9.84	32"	1.55 lbs.
2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	5227920	2.125"	1.629"	1.06"	R-7.06	40"	2.68 lbs.

### Installation

Install Ecoflex Potable PEX in hot or cold potable-water applications. Join pipes using Uponor ProPEX® or WIPEX™ fittings.<sup>1</sup> 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.

### Standards

CSA B137.5; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; NSF/ANSI Standard 14; NSF/ANSI Standard 61; AWWA C904<sup>3</sup>

### Codes

UPC; IPC; NSPC; NPC of Canada

### Listings

NSF/ANSI 14- and 61-certified; CNSFus-pw; U.P. Code

### Related Applications

Pre-insulated Pipe Systems  
Permafrost Prevention Systems  
Plumbing Systems

### Contact Information

Uponor, Inc.  
5925 148th Street West  
Apple Valley, MN 55124 USA  
Phone: 800.321.4739  
Fax: 952.891.2008  
www.uponorpro.com

Uponor Ltd.  
2000 Argentia Road, Plaza 1, Suite 200  
Mississauga, ON L5N 1W1 CANADA  
Phone: 888.994.7726  
Fax: 800.638.9517  
www.uponorpro.com

<sup>1</sup>ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.

<sup>2</sup>R-value is normalized based on the nominal foam thickness for a circular shape.

<sup>3</sup>This standard applies to ¾" Uponor AquaPEX tubing and larger.