

Ecoflex thermal twin coils

Project information

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

Technical data

Material	PEX
Subcomponent Material	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

Uponor's Ecoflex® Thermal Twin is a pre-insulated pipe system for buried or aboveground commercial and residential hydronic heating and cooling applications. Service pipes are made from durable Engel-method crosslinked polyethylene (PEX-a) tubing, protected by multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use with Uponor ProPEX® fittings or WIPEX™ dezincification-resistant (DZR) brass compression fittings.¹



Part name	Part no.	R value
1" Thermal Twin with 6.9" Jacket, 600-ft. coil	5026910	11.3
1 1/4" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil	5025513	7.4
1 1/4" Thermal Twin with 6.9" Jacket, 500-ft. coil	5026913	9.5
1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil	5026915	7.7
2" Thermal Twin with 7.9" Jacket, 300-ft. coil	5027920	6.5
2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil	5027925	4.5

Part name	Part no.	Codes	Standards	Listings
Ecoflex thermal twin coils	All	UPC IMC IPC UMC NSPC NPC of Canada	ASTM F1960 CSA B137.5 NSF/ANSI 14 NSF/ANSI/CAN 61 ASTM F876 ASTM F877	cNSFus-pw U.P.Code cNSFus-rfh

Installation

Install Ecoflex Thermal Twin pre-insulated pipe in buried or aboveground hydronic heating and cooling applications. Ecoflex End Caps are required on all exposed ends of Ecoflex pipes to avoid ground water contamination. For more information, refer to the Uponor Pre-insulated Pipe Systems Design and Installation Manual.

Related applications

Pre-Insulated Pipe Systems
Hydronic Heating and Cooling Systems
Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Prevention Systems
Turf Conditioning Systems

Footnotes

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Contact information

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