

Thermal Single Ecoflex

Renseignements sur le projet

| | |
|-----------------------------|---------------------|
| Nom du poste : | Lieu : |
| Ingénieur : | Date de soumission: |
| Entrepreneur : | Présentée par: |
| Représentant du fabricant : | Approuvé par : |

Données techniques

| | |
|-----------------------|--|
| 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) |

Informations sur le produit et utilisation de l'application

Uponor's Ecoflex® Thermal Single is a pre-insulated pipe 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 with multilayer PEX-foam insulation and covered by a corrugated, waterproof HDPE jacket. Use with ProPEX® Fittings or WIPEX™ dezincification-resistant (DZR) brass compression fittings.¹



| Nom de la pièce | Numéro de pièce | Inner diameter coil [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Inner diameter Service Pipe [in] | Outer diameter Service Pipe [in] | Weight per UOM [lbs/UOM] |
|--|-----------------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|---------|----------------------------------|----------------------------------|--------------------------|
| 3/4" Thermal Single with 2.7" Jacket, 1,000-ft. coil | 5012775 | 42.5 | 75 | 32 | 0.671 | 2.7 | 9.3 | 0.671 | 0.875 | 0.35 |
| 1" Thermal Single with 2.7" Jacket, 1,000-ft. coil | 5012710 | 42.5 | 75 | 32 | 0.862 | 2.7 | 7.4 | 0.862 | 1.125 | 0.38 |
| 1" Thermal Single with 5.5" Jacket, 600-ft. coil | 5015510 | 44 | 83 | 55 | 0.862 | 5.5 | 12.3 | 0.862 | 1.125 | 0.8 |
| 1 1/4" Thermal Single with 5.5" Jacket, 500-ft. coil | 5015513 | 44 | 83 | 46 | 1.054 | 5.5 | 10.7 | 1.054 | 1.375 | 0.8 |
| 1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016915 | 44 | 78 | 49 | 1.244 | 6.9 | 10.8 | 1.244 | 1.625 | 1.46 |
| 2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016920 | 44 | 78 | 49 | 1.629 | 6.9 | 8.9 | 1.629 | 2.125 | 1.75 |
| 2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016925 | 44 | 78 | 49 | 2.011 | 6.9 | 7.2 | 2.011 | 2.625 | 1.97 |
| 3" Thermal Single with 7.9" Jacket, 300-ft. coil | 5017930 | 44 | 84 | 53 | 2.398 | 7.9 | 7 | 2.398 | 3.125 | 2.8 |
| 4" Thermal Single with 7.9" Jacket, 300-ft. coil | 5017940 | 46 | 86 | 52 | 3.169 | 7.9 | 4.8 | 3.169 | 4.125 | 3.7 |

| Nom de la pièce | Numéro de pièce | Les codes | Normes | Annonces |
|---|-----------------|------------------------------------|--|-------------------------------|
| Thermal Single Ecoflex | All | UPC IMC IPC UMC NSPC NPC of Canada | ASTM F1960 NSF/ANSI 14 NSF/ANSI/CAN 61 | cNSFus-pw U.P.Code cNSFus-rfh |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 3/4" Thermal Single with 2.7" Jacket, 1,000-ft. coil | 5012775 | | CSA B137.5 | |
| 1" Thermal Single with 2.7" Jacket, 1,000-ft. coil | 5012710 | | ASTM F876 ASTM F877 | |
| 1" Thermal Single with 5.5" Jacket, 600-ft. coil | 5015510 | | ASTM F876 ASTM F877 | |
| 1 1/4" Thermal Single with 5.5" Jacket, 500-ft. coil | 5015513 | | ASTM F876 ASTM F877 | |
| 1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016915 | | ASTM F876 ASTM F877 | |
| 2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016920 | | ASTM F876 ASTM F877 | |
| 2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil | 5016925 | | CSA B137.5 ASTM F876 ASTM F877 | |
| 3" Thermal Single with 7.9" Jacket, 300-ft. coil | 5017930 | | CSA B137.5 ASTM F876 ASTM F877 | |
| 4" Thermal Single with 7.9" Jacket, 300-ft. coil | 5017940 | | CSA B137.5 ASTM F876 ASTM F877 | |

L'installation

Install Ecoflex Thermal Single pre-insulated pipe in buried or aboveground hydronic heating and cooling applications. Use Uponor ProPEX or WIPEX DZR brass compression fittings. 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.

Applications connexes

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

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Coordonnées de la personne-ressource

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