PRE-INSULATED
PIPE SYSTEMS

ECOFLEX®

FREQUENTLY ASKED QUESTIONS

Ecoflex® FAQs

What is Ecoflex®?

Ecoflex is a pre-insulated pipe system at its best — versatile, sustainable and flexible. The pipe consists of durable hePEX™ plus or high-density polyethylene (HDPE) tubing encased in closed-cell, PEX-foam insulation and covered by a waterproof, corrugated HDPE jacket.

Why should I consider using Ecoflex?

The unique properties of Ecoflex make it ideal for commercial and residential applications that require insulated underground piping. These lightweight, flexible, pre-insulated pipes are strong enough to tackle any application, yet install easily and quickly. The long coil lengths eliminate most buried connections and pipe joints, saving time and money while also limiting liability concerns.

Are there different types of tubing in Ecoflex?

Yes. Ecoflex Thermal Single and Twin use Uponor hePEX plus tubing. Ecoflex Potable HDPE uses high-density polyethylene (HDPE) tubing.

What tubing sizes are available with Ecoflex?

- ASTM Thermal Single and Twin PEX tubing is available in 1", 1¼" and 1½" sizes.
- Metric Thermal Single and Twin PEX tubing is available in 50, 63, 75, 90 and 110mm sizes.
- Metric HDPE is available in 25, 32, 40, 50, 63, 75, 90 and 110mm sizes.

Why is the pipe available in both ASTM and metric sizes?

Until recently, Europe, which carries the metric standard, was the sole producer of Ecoflex. Now, Uponor is producing Ecoflex in the United States with ASTM dimensions.

What type of fittings does Ecoflex use?

- All ASTM Thermal products use Uponor's reliable ProPEX® fitting system or the new WIPEX™ dezincification-resistant (DZR) brass compression fittings.
- Metric PEX and metric HDPE tubing uses male adapter compression fittings.

What is the longest coil length available in ASTM sizes?

Ecoflex comes in 600-foot coil lengths for 1" pipe, 500-foot coil lengths for 1¼" pipe and 300-foot coil lengths for 1½" pipe. Refer to the Uponor Product Catalog and product catalog supplements for the complete product offering.

Do I need to buy full coil lengths?

No. Uponor and its distributors provide a cut-to-length service for custom-cut lengths.

Will Uponor cover my freight costs?

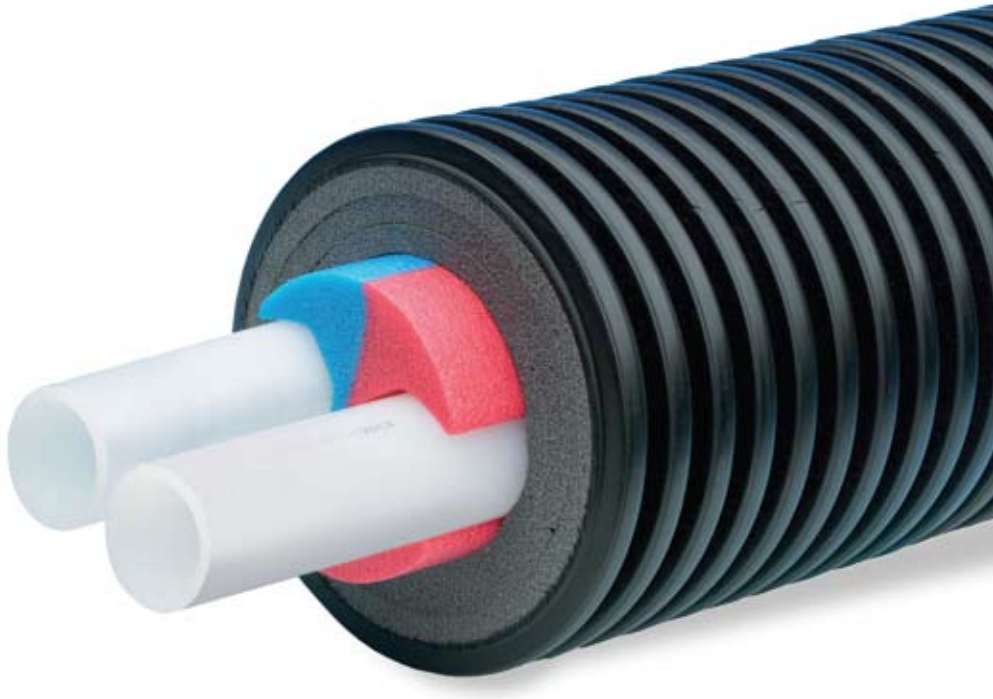
Uponor does not cover freight charges for Ecoflex. However, Uponor will work with you to ensure the most efficient and cost-effective shipping method.

What kind of services does Uponor provide for the Ecoflex system?

Uponor Technical Services (888.594.7726) can provide assistance with quotes and designs as well as answer questions regarding the product and solutions.

Metric to ASTM Conversion Chart

Part No.	Part Description	ASTM Pipe Size	Metric Equivalent SIze (Based on I.D.)
5015510	Ecoflex Thermal Single 1"	1"	25mm
5015513	Ecoflex Thermal Single 1¼"	1¼"	32mm
5016915	Ecoflex Thermal Single 1½"	1½"	40mm
5026910	Ecoflex Thermal Twin 1"	1"	25mm
5026913	Ecoflex Thermal Twin 1¼"	1¼"	32mm
5026915	Ecoflex Thermal Twin 1½"	1½"	40mm



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