

## REHAU INSULPEX® Energy Transfer Pipe

A Flexible Pre-insulated Piping System

**INSULPEX is specially designed for the efficient transfer of hot or chilled water through buried pipelines. A flexible alternative to rigid piping systems, INSULPEX offers ease of installation, combined with the long-term performance of PEX pipe.**

INSULPEX consists of REHAU's RAUPEX® pipe surrounded by a solid layer of CFC-free polyurethane foam insulation. The smooth interior wall of RAUPEX provides superior flow and consistent water pressure, and resists mineral build-up and bacterial growth. INSULPEX is available in one- and two-pipe configurations. The two-pipe configuration combines supply and return pipes, streamlining the installation process.

Connections are made with REHAU's EVERLOC® fitting system, providing reliable joints that allow for immediate pressure testing, and are safe to bury.



INSULPEX is lighter than rigid piping systems and is available in continuous coils of various lengths that reduce the need for joints in the pipeline—features that greatly reduce the costs and time associated with installation. The continuous single layer of insulation minimizes heat loss and water permeability, while the outer LDPE casing offers protection from abrasion.

INSULPEX is ideal for applications including:

- District heating
- Energy transfer
- Snow and ice melting
- Chilled water
- Process piping
- Hydronic piping
- Potable water



**EVERLOC Fittings**

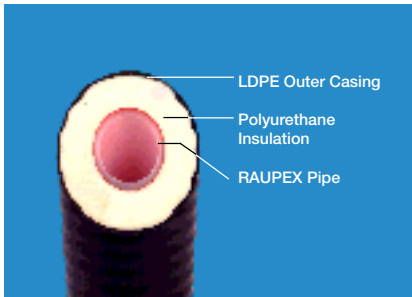
Proven brass compression sleeve fitting system provides reliable connections. EVERLOC fittings are assembled without the use of heat or chemicals. Couplings, elbows, tees, welding adapters, and threaded adapters are available for all INSULPEX carrier pipe sizes.

Compression nut fittings are also available.



**Accessories**

A variety of engineered accessories are available to complete your installation.



**INSULPEX Pipe**

Consists of a corrugated LDPE outer casing, closed-cell polyurethane foam insulation and RAUPEX carrier pipe. The insulation is bonded to the LDPE casing and the RAUPEX pipe, limiting thermal expansion.

INSULPEX is available in one and two-pipe configurations. ASTM carrier pipe sizes range from 1" to 2", and are available with and without an oxygen barrier. ASTM carrier pipes without an oxygen barrier are certified to NSF 61 for potable water. Metric sizes include 63 mm to 110 mm pipes with an oxygen barrier.

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