



Ecoline is the Italian leading supplier of pre-insulated pipe systems for energy-efficient transportation of liquids and gases for district heating and cooling, marine and industrial purposes as well as oil and gas pipelines. The systems consist of pipes, joints, fittings and surveillance.



Ecoline is an innovative company that develops, manufactures and delivers thermally pre-insulated and complete energy efficient pipeline systems, designed to meet client specified requirements for LNG as well as onshore and offshore oil and gas applications.



Main characteristics of pre-insulated pipe systems:
Transport of liquids and gases with temperatures ranging from -200°C to 250°C, using polyurethane (PUR) foam insulation, covered with waterproof, durable and UV-resistant jacket pipe made of high-density polyethylene (HDPE).



Ecoline system is very durable and versatile system and can cover virtually any diameter required by our clients. Petrochemicals, Oil, Gas and Chilled Water often require special treatment in order to maintain their necessary properties and keep them fluid.



The polyurethane insulation used in our insulated oil pipes guarantees not only excellent thermal insulation but also mechanical protection. High oil temperatures are easily maintained in our pre-insulated oil pipes and the oil remains at a constant viscosity, meaning it can be pumped with greater energy and cost efficiency. The integrated network pipeline monitoring system enables the pipeline to be constantly observed. If damage does occur, the insulated oil pipes can be accessed quickly and efficiently.



Advantages of Ecoline pre-insulated oil pipelines :

- Reduced heat loss, consequently saving energy
- Minimized environmental issues in the event of damage
- High protection against corrosion (double)
- Leaks can be detected at an early stage
- Lower purchasing and maintenance costs
- Reduced flow resistance
- Longer operating life



Another great advantage of this system is the fact that the pipe supports are clamped on the outside of the outer HDPE-jacket, avoiding thermal bridges. These pipe supports can be located anywhere on the line and can be made of carbon steel, resulting in a very cost-effective system that cannot be matched by any other insulation system.



Ecoline has developed a pre-insulated solution for the large diameter loading lines for onshore LNG-terminals, eliminating any maintenance that traditionally insulated lines require over the service life of a project. The entire system is completely water- and airtight.





WE WORK WITH TECHNOLOGY

The polyurethane foam insulation allows the transport of fluids warm / cold from the central to the users with minimal heat loss.

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EUROPEAN COMPANY OF PRE-INSULATED PIPES

PRE-INSULATED PIPES FOR OIL & GAS



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