

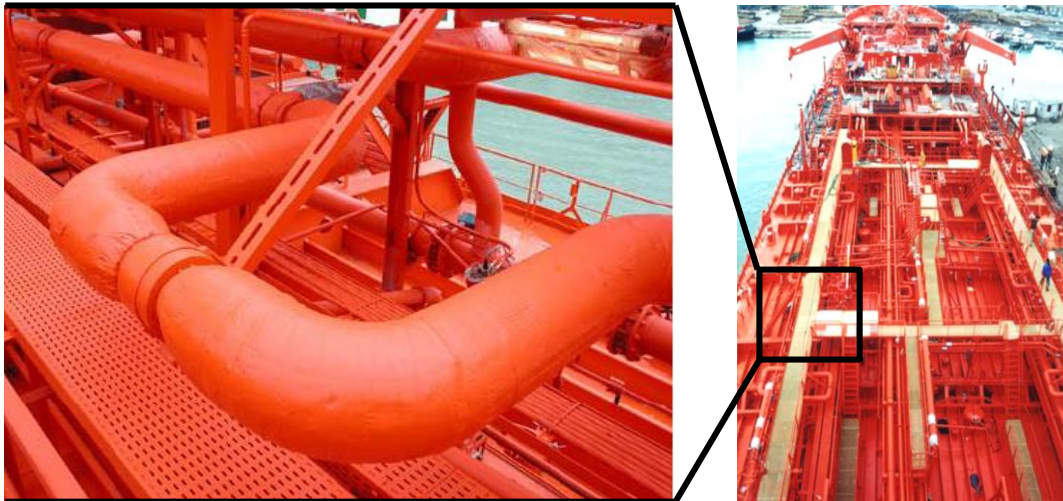
INSULROLL INSULATION COVERS

Insulroll is a combination of the Aerogel insulation material with a UV light curable glass reinforced polyester material. This system protects your lining against mechanical forces and weather influences and gives you good insulating characteristics.

Insulroll is the best solution for long-term weatherproof protection of insulation thanks to:

1. Watertight joints which resist heavy loads better than any cladding system.
2. Adhesion and strength at starts and ends to prevent water ingress and maintain resistance against mechanical load.
3. Insulroll is used to seal the inadequacies of a metallic cladding system. Adhesion to all types of metal to seal joints in metallic cladding.

Insulroll is a 1-component ultra violet (UV) light curable glass reinforced polyester material, manufactured in sheet form. A matrix of resin, fillers and E-type glass reinforcement is sandwiched between 2 nylon films. **Insulroll** is a versatile material that will increase the quality, speed and efficiency for applications and repairs in many industries. **Insulroll** is special low styrene formulation polyester that contains approximately one third of the usual two component liquid polyester resins. The nylon films that minimize emissions and facilitate handling and shaping can be marked out when transferring templates. In uncured state **Insulroll** is extremely soft, pliable and can be cut into shape or size using craft knife or scissors. It can be moulded in any shape or form, wrapped around or laid on and bonded to any clean surface

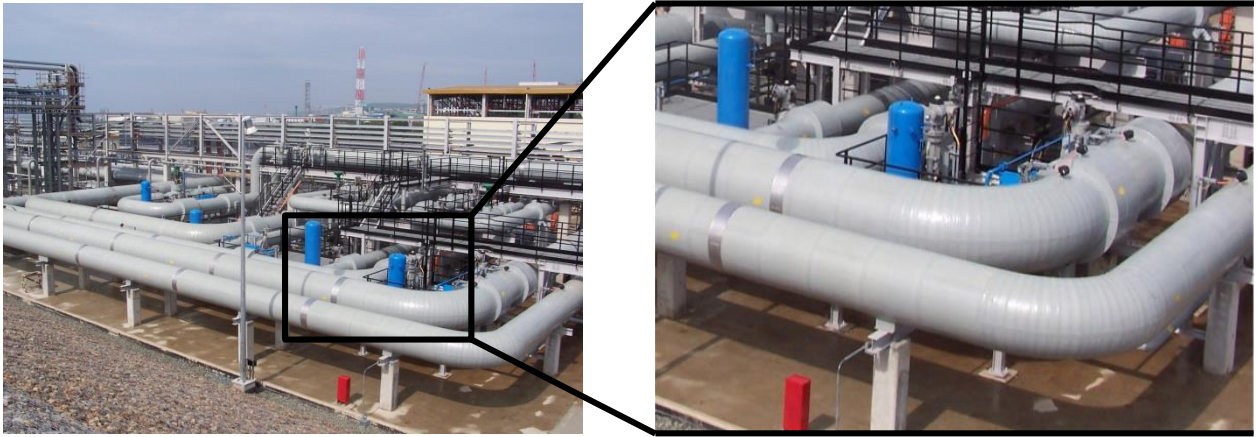


Protection insulation on pipe work (overpainted)

Benefits

- Watertight joints
- Adhesion at starts and ends
- Mechanical strength ("step on" resistant)
- Fire retardant
- Low smoke
- Vapor barrier
- Easy to apply
- UV resistant
- Sea water (salt) resistant
- The composite has exclusive insulation properties

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The insulation material Aerogel is a high-temperature insulation blanket formed of silica gel and reinforced with a non-woven carbon-, glass-fiber or polyester batting. Silica gels possess the lowest thermal conductivity of any known solid. Aerogel achieves this industry-leading thermal performance in a flexible, environmentally safe, and easy-to-use product. Ideal to insulate the curved surfaces and complex shapes typical of today's refining and petrochemical infrastructure and for linings on for example ships. Aerogel is an essential material for those seeking the ultimate in thermal protection.

The Insulroll system combines a thin insulation material with low thermal conductivity and a protective layer which resists mechanical forces and severe weather conditions.

