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thermal insulation



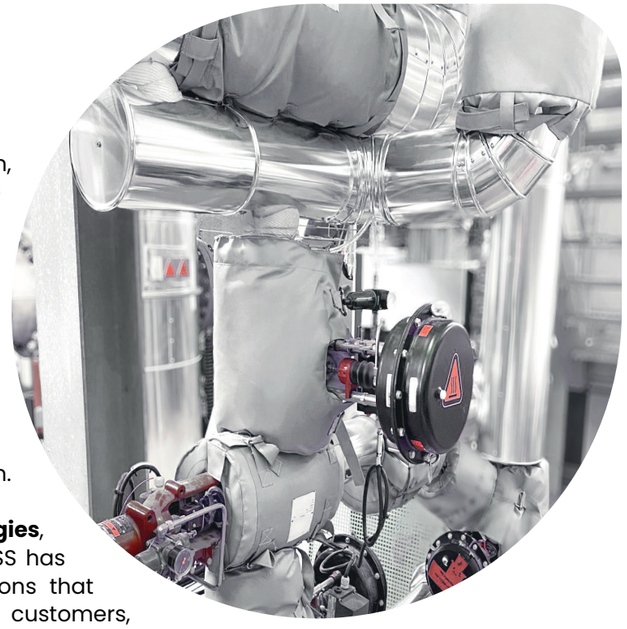
thermal insulation

JACKETS

THERMAL INSULATION JACKETS

About ESS

At ESS, we bring **over 30 years of expertise** in thermal insulation, delivering **tailor-made** solutions for industrial operations. We understand that every facility has unique insulation needs, which is why we specialize in custom **thermal insulation jackets** for pipes, valves, pumps, boilers, and more.



Our expert team works closely with you to design and manufacture precision-engineered insulation solutions that enhance performance, increase energy efficiency, and reduce operational costs. Hand-crafted for a perfect fit, our insulation jackets minimize heat loss and support a more sustainable, cost-effective operation.

Trusted by industry leaders such as **Pfizer**, **Shell**, **Total Energies**, **Lutosa**, **Cargill**, **EDF**, **Exxon**, **Tata Steel**, **BASF**, **BP**, and **Valero**, ESS has built a reputation for delivering high-quality insulation solutions that meet the toughest industrial demands. With more than 300 customers, we stand for innovation, efficiency, and durability. From concept to final production, we ensure every solution meets the highest standards of quality and performance.

Benefits

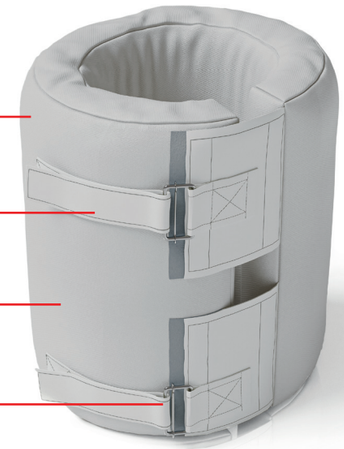
- Reduces heat loss by up to 90%
- Saves up to 80% in energy consumption
- Rapid Return on Investment: 6 to 12 months
- Fully customizable in shape, temperature, and size
- Easy and optimum fit with Velcro fasteners and lashing straps with stainless steel buckles
- Highly durable fabric, resistant to fire, water, and heat up to 1 200°C
- Exceptional tear resistance with hand-stitched reinforcement

Extremely heat & fire resistant fabric with high performance insulation blanket

Velcro® hook-and-loop fasteners: tight fit for maximum insulation performance and easy installation and removal

Hand-stitched: ensuring a superior level of finish and exceptional durability

Lashing straps with stainless steel buckles: a secure and perfect fit for maximum insulation performance



ThermoJack®

Innovative thermal jackets

ThermoJack® thermal jackets are designed to **reduce energy loss**, to **lower costs**, and to **protect** both equipment and personnel. Made with advanced materials and expert craftsmanship, they provide superior insulation, **preventing heat loss** and improving **energy efficiency**.

Easy to install and built for durability, they shield industrial components from extreme conditions, extending their lifespan. Featuring an innovative lashing strap with stainless steel buckles, installation is quick, secure, and hassle-free.

Crafted in-house by skilled professionals, ThermoJack® jackets are custom-made for valves, pipes, boilers, tanks, heat exchangers, turbines, furnaces, and more, ensuring high-performance insulation for every application.

Our jackets are **available in 4 types** to match different temperature requirements:

- ThermoJack® 200 – up to 260°C
- ThermoJack® 300 – up to 280°C
- ThermoJack® 700 – up to 700°C
- ThermoJack® 1200 – up to 1 200°C

Tailored for every application

Our thermal insulation blankets conform to any equipment - valves, piping, pumps, boilers, heat exchangers, flanges, or tanks - delivering a millimeter-perfect fit and peak performance.

Fully customizable in material, shape, and size, they provide optimized thermal protection, significant energy savings, and enhanced operational safety across all applications.













ESS bv
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