



*The product range for  
insulating materials  
( Materials for Offshore  
Industry )*

*Sheat*

Our *S-sheat* products are usually used in thermal protection, passive fire protection, pipe penetration seals ( new developed article 83611 ) and also for protective clothing.

**Applications**

- Offshore industry
- Insulation for gas turbines and power plants
- Pipe insulation
- Insulation for ships' engines
- Insulation for engine compartments
- Fire safety curtains & Smoke curtains
- Heat Protect clothing
- Cable protection

**Carrier material and coating**

The most common solution for both technical and cost reasons involves temperature-resistant carrier materials on heat resistant and glass fabric.

The materials are pre-treated against impact of water and are then coated with silicone or polyurethane.

**Key facts**

- High Flexibility
- Excellent Mechanical & low Friction coefficient properties
- High Resistance to Environmental Influences
- Excellent UV Resistance
- Wide temperature range ( -60°C / +250°C )
- Fire resistant up to 1370°C for 1 hour time, materials designed for temperatures up to 250°C are supplied in a standard or flame-retardant version
- Available width: approx. 91 / 100 / 130 / 150 cm
- Colors: red / silver / grey / black / white

**The products comply with the following standards:**

- Jet Fire test ( complied to 1470°C in house test )
- IMO FTP code Part 2 & Part 5 - Low flame spread, Low smoke & Low toxicity
- DIN 4102 A2 B1
- EN 13501 classified A2
- BS 476 Part 7 ( Class 0 )
- FAR / JAR 25.853 part 25 'App F' Part 1
- EN 1876 bending test

Other national and international standard tests will be conducted if requested by the customer. The manufacturer of a complete system is responsible for the use and suitability of our materials for specific applications in the mentioned areas.

The provided information applies to the delivery status; processing guarantee within 24 months under normal conditions.

