

High Temperature Textile Products



World wide our products are used as a seal in the domestic appliances industry, such as in boilers, wood-burning stoves, gas-fired stoves, oil fired stoves, etc.

- Our products are available in black or white and with a self adhesive backing -

In our production facility different types of raw materials (such as glass fibres, body soluble fibres, ceramic fibres, silica, etc.) are being used to manufacture a wide range of insulation and sealing textiles.

Different types of fibres used in our production

Continuous filament fibres

- | | |
|--------------------------------|--------|
| - E-Glass fibre | 550°C |
| - High temperature glass fibre | 750°C |
| - Ecosil® (Silica) | 1000°C |

Discontinuous filament fibres

- | | |
|------------------------------|--------|
| - Ecomab® body soluble fibre | 1200°C |
| - Keramab® ceramic fibre | 1260°C |

All our Keramab® and Ecomab® products are reinforced with glass (650°C) or metal wire (1050°C). Next to the above mentioned materials, other raw materials are also being used in the production process.

Different types of production methods

From the different types of raw materials a complete range of industrial textile products are being manufactured using the latest state of art technology in textile production.

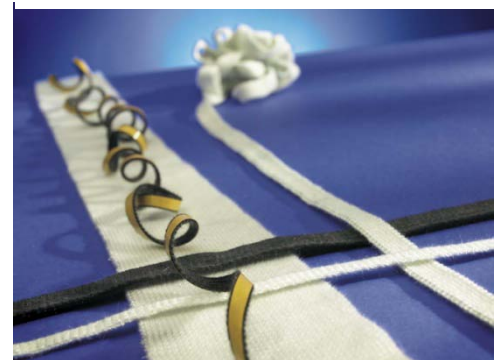
Product Forms:

These various production methods result in a large range of different product forms:

- Yarns
- Fabrics and woven tapes
- Fibre ropes and joints
- Twisted ropes
- Knitted tapes
- Knitted / braided packings and sleeves



Knitted Packings



Tapes



Textile Plant

INSULCON

LEADER IN HIGH TEMPERATURE SOLUTIONS

KERAMAB

LEADER IN HIGH TEMPERATURE SOLUTIONS

Product forms and applications



Fabrics and tapes are woven with selvages in several widths. Depending on the weave pattern which is used and the thickness of the yarns in warp and weft, a wide range of thicknesses is available. For those applications where flexibility and resilience are of essence, we can also manufacture knitted (ladder) tapes.

Fibre ropes and joints are sealing products composed of a soft core with an overbraiding (open or closed meshes). For those applications where wear resistance is of essence, we can supply our fibre ropes with an heavy duty overbraiding.

Twisted ropes are produced from a number of yarns, twisted together.

Braided packings can be supplied in round, square and rectangular sections by braiding several types of yarn together. **Knitted packing** is produced by knitting several types of yarn into a round flexible rope.

Sleeves are produced by knitting or braiding several types of yarn into a hollow sleeve.

Applications

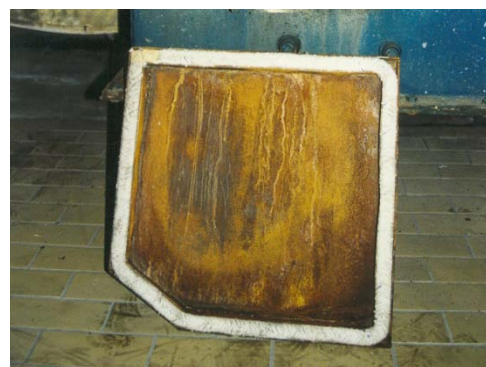
Worldwide our high temperature resistant textile products are being used in several industries a.o. as (door) seals in ovens and reformers, as insulation of gas and steam turbines, as fire resistant curtains, as thermal insulation of steam pipes in wells, etc.



Ecomab® Fibre Ropes



Ecomab® Braided Packings



Boiler Door Seals

For more detailed information about these products, please do not hesitate to contact one of our specialists.

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