

Silicone Coated Glass Fabrics

Silicone Coated Glass Fabrics – Glass fabric is coated with silicone in varying degrees of thicknesses and has a high level of thermal conductivity so is therefore a good choice of material where heat retention is required. The material itself offers a high temperature surface with a high level of release.

Material Properties

- **High – temperature resistant (up to 232 °C)**
- **Excellent release properties**
- **Good chemical resistance**

Applications

Heat retention being a key feature for this material it works extremely well as a conveyor belt in shrink-wrap tunnels. Being able to hold heat in the belts surface for periods of time it successfully shrinks the shrinking film on the underside of products that may otherwise struggle to do so with other types of belting.

Silicone coated glass fabric is also used at heat shrink tunnel curtains, trapping the heat within the chamber very well.

Release and Separator Sheets for viscous processes and production in the Chemical, Rubber, Plastic, Electrical and

Aerospace Industries all benefit from this material.

Due to its high surface release characteristics and is well suited for use on extrusion lines where rubbers, plastics or sticky products may stick to other belt surfaces.

Features / Benefits

Silicone coated glass fabrics have excellent heat, chemical and corrosion resistance, silicone coated fabrics and belts have high friction (grab). This improves tracking characteristics and flexibility making it an excellent choice for conveyors.

Additional Information

Available in widths up to 1000mm wide and is manufactured in various thicknesses and weights.



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