

ECOSIL® BRAIDED SLEEVING 1000°C

Sleeving is produced by braiding several types of texturized silica-yarn into a circular tube.

Ecosil® silica braided sleeving is a flexible HT tubular textile product for the protection and the insulation of hoses, pipes, cables or wires. In-house facilities to apply the protective braiding directly on the flexible products are available.

The texturized continuous filament yarns have a diameter exceeding 6 micron and consequently they exceed the critical range of 3 micron.

Chemical Properties

Ecosil silica braided sleeving exhibits excellent chemical stability, resisting attack from most organic agents, water and hot acids with exception of hydrofluorid acid, phosphoric acid and strong caustics.

Ecosil silica sleeving has excellent physical properties and high mechanical strength.

Availability

Ecosil® Braided sleeving is available in the following diameter sizes : 7-100 mm. Other sizes are available on request.

Applications

- Cable and wire insulation (thermal and/or electrical)
- Fuel line insulation
- Pipe hanger insulation
- Thermal insulation of steam-pipes in wells
- Wrapping of exhausts

Typical Physical Properties

Colour	:	White	
Chemical Composition	:	SiO ₂	94,00 - 96,00%
		Al ₂ O ₃	2,50 - 4,50 %
Linear shrinkage	:	5 - 12 %	(depending on the applications)
Continuous use limit	:	1000°C	(short term 1100°C)
Melting Point	:	>1550°C	