

Ropes, tapes and woven products based on glass filaments

## **SILCAVER 55** **FIBREGLASS TEXTILES**

**SILCAVER** fibres are **glass filaments**.

**SILCAVER** products are outstandingly soft and ductile, do not cause any irritation of the skin and are harmless in respect of health.

**SILCAVER** fibres are converted to:

- Ropes
- Packings
- Tapes
- Woven products

**SILCAVER** products are non-combustible and have good thermal insulating properties as well as chemical stability to a large extent.

These properties open up a wide spectrum of opportunities for use including:

- Sealing of inspection hatches
- Sealing of boilers and furnace doors

Our Technical Department will be pleased to advise you on the selection of the best material. For high-temperature applications our **SILCAFLEX textiles** are also available to you as an alternative.

As an option **SILCAVER 55** tapes can be fitted with self-adhesive foil. In this way time-saving and simple installation is achieved.

### **SPECIAL FEATURES**

- good insulating properties
- high thermal stability
- harmless in respect of health
- flexible and tearproof



# SILCAVER 55

## FIBREGLASS TEXTILES

SILCAVER 55 fibreglass textiles		Unit	
Application limit temperature		°C	450
Application limit temperature for short times up to		°C	550
Fibre type			E-glass
Filament diameter		µm	6 – 15
Combustibility			Non-combustible in the sense of EN 13501-1.
Chemical resistance			Resistant to oils, greases, solvents and organic acids; hydrologically to resistant DIN 1211, class 1.
Toxicity			Contains no toxic substances or heavy metals.
Forms of delivery			
Rope, twisted (round)	Diameter	mm	Ø 3/4/5/6/8/10/12/15/20/25/30/40/50
	Length (at Ø)	m	200 (Ø 3), 150 (Ø 4), 100 (Ø 5 - 12), 50 (Ø 15 - 25), 25 (Ø 30), 20 (Ø 40), 10 (Ø 50)
Packing, braided (round)	Diameter	mm	Ø 5/6/8/10/12/15/20/25/30/40/50/60
	Length (at Ø)	m	100 (Ø 5 - 8), 50 (Ø 10 - 15), 30 (Ø 20 - 25), 10 (Ø 30 - 60)
Packing, braided (square)	Cross section	mm	Ø 5/6/8/10/12/15/20/25/30/40/50/60
	Length (at Ø)	m	100 (Ø 5 - 8), 50 (Ø 10 - 15), 30 (Ø 20 - 25), 10 (Ø 30 - 60)
Tapes	Thickness	mm	2/3
	Width	mm	10/15/20/25/30/40/50/60/75/80/100/120/150/200
	Length	m	50
Tapes	Thickness	mm	5
	Width	mm	15/20/25/30/40/50/60/75/80/100/120/150/200
	Length	m	25
Woven material	Thickness	mm	3
	Width	mm	1000
	Length	m	50

The properties mentioned are typical values obtained according to the listed methods. Product variations have to be taken into account. The data do not represent guaranteed properties and cannot be used for any warranty claim. Data are subject to technical modifications.

