BIO-SOLUBLE FIBER TEXTILES · BRAND: BIOWOOL®

Bio-Soluble Fiber Textiles

Cloth, tape, yarn and rope – glass fiber (650 °C) or stainless steel (1000 °C) reinforced

Product Overview

BIOWOOL® Textiles are made from soluble fiber and viscose fiber, reinforced with glass filament or stainless steel wire. The range includes yarn, rope, tape and cloth.

They are used for insulating linings of metallurgical ovens and furnaces, petrochemical heaters and ceramic kilns. The textiles can meet the requirements of European Regulation (EC) No 1272/2008.



Key Features

- Excellent thermal shock resistance
- Excellent thermal stability
- High-temperature stability
- Low thermal conductivity
- Flexible and easy to use

Typical Applications

- Gaskets in furnaces and domestic appliances
- Furnace door seals
- Thermal insulation for pipe work
- Welding curtains
- Expansion joints

Technical Data

Product	Cloth		Tape		Yarn	
Reinforcement	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel
Continuous Use Temperature (°C)	650	1000	650	1000	650	1000
Colour	Light green		Light green		Light green	
Density (kg/m³)	500		550 – 600		–	
Organic Content (%)	≤ 18		≤ 18		≤ 18	

Product	Round Braided Rope		Square Braided Rope		Twisted Rope		Woolen Rope
Reinforcement	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel	Glass Fiber
Continuous Use Temperature (°C)	650	1000	650	1000	650	1000	650
Colour	Light green		Light green		Light green		Light green
Density (kg/m³)	600		600		600		380
Organic Content (%)	≤ 18		≤ 18		≤ 18		≤ 18

All values are typical average results given for guidance only; they do not constitute a guaranteed specification. Suitability for a specific application should be confirmed by the user.