



25 Kimberly Road, Suite A, East Brunswick, NJ 08816, USA
Tel: 732-257-5002 Fax: 732-257-5003 Email: sales@ceramsource.com

TECHNICAL DATA SHEET

Fiberglass Textiles

Material: Fiberglass
Ceramsource fiberglass is bulky and resilient material with a high thermal insulation property. It can resist high temperature up to 550 °C. It has excellent features of low thermal conductivity, electric insulation, and corrosive resistance.

Product Types:

stuffing fibers	packings	yarns	webbings
ropes	sleeves	fabrics	

Product: Fiberglass Textiles

PROPERTIES

Ceramsource fiberglass textiles has a minimal amount of surface dressing that is required to assist in processing, this is usually organic i.e. starch or silage and will disappear at temperatures above 200°C. Fiberglass material is suitable for continuous use at temperatures up to 550°C in exhaust applications. However, tensile strength continues to reduce noticeably as temperature increases over 480°C.

Ceramsource fiberglass textiles are resistant to oils, solvents and most chemicals although contact with hydrofluoric acids, strong alkalis, and live steam should be avoided.

Color: White

Thermal conductivity: Thermal 0.78 w/mK 300 °C mean

Loss on Ignition: <12%

Material Content	SiO2	54.1%	Al2O3	15.3%
	CaO	17.3%	MgO	4.7%
	Na2O	0.6%	B2O3	8.0%

Ceramsource fiberglass twisted rope is made from texturised, continuous fiber filament up to a maximum of 9 microns. Average density: 550-800 Kg / m³.

Ceramsource fiberglass cloth and tape are made from texturised continuous glass fiber filament up to a maximum of 9 microns. Average density: 900 Kg / m³.

The data provided in this technical data sheet reflect the current state of information. This does not however release the customer from performing a thorough receiving inspection in each individual case. We reserve the right to make changes to key product data as a result of technological advancement or operationally-determined enhancements. Due to factors beyond our control, the recommendations made in this technical data sheet require the customer to perform his own tests and inspections during processing. Our recommendation does not absolve the customer from his obligation to check and resolve, if necessary, any potential infringement of third-party trademark rights. Recommendations for use do not constitute a guarantee of suitability for the recommended purpose.