

TECHNICAL DATA SHEET

Woven Fiberglass Filter Cloth GF

Woven fiberglass, single grade

DESCRIPTION

Woven fiberglass cloth for the extreme-temperature class. Near-zero thermal shrinkage at high temperature, high tensile strength, and the lowest cost per square metre in its temperature band.

TYPICAL APPLICATIONS

Glass furnace exhaust · cement kiln clinker cooler · aluminium smelting · carbon black production.

PHYSICAL & MECHANICAL PROPERTIES

PROPERTY	UNIT	TYPICAL VALUE	TEST METHOD
Mass per unit area	g/m ²	450 – 750	ISO 9073-1 / GB/T 24218.1
Filtration efficiency	%	99.5 at 0.6 – 0.8 m/min face velocity	At stated face velocity
Thermal shrinkage	%	< 0.5	3 h at rated continuous temperature

SERVICE TEMPERATURE & CHEMICAL RESISTANCE

CONTINUOUS ≤ 260 °C	PEAK / SURGE 280 °C
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Acid ★★★

★★★ excellent · ★★ good · ○ limited

SURFACE TREATMENTS AVAILABLE

PTFE / graphite / silicone impregnation available — please specify on enquiry

SUPPLY

Supplied as roll goods or as finished filter bags made to the customer's drawing — any diameter and length, with snap-ring, sewn cuff or clamp-band top and a choice of bottom construction. Cages, venturis and accessories can be supplied with the bags. Please refer to the corresponding filter-bag data sheet.