

Fiberglass High-Temperature Filter Bag

Glass-fibre filter media for consideration in high-temperature dust collection. The fabric structure, protective finish and bag / cage relationship must be selected together.

MEDIA & OPERATING REFERENCES

TECHNICAL PROPERTY	REFERENCE / REQUIREMENT	CONDITIONS / NOTES
Media family	Glass-fibre filtration media	Confirm woven / felt / composite construction
Areal weight	Specified for selected construction	Confirm the media grade and nominal weight with quotation
Thickness reference	1.8 mm	0.071 in; catalogue reference
Air permeability	Confirm for selected grade	Numerical range, test pressure and method required
Continuous reference temperature	260 °C	500 °F; catalogue reference
Short-term peak reference	300 °C / 572 °F	Finish and finished-bag approval required; confirm duration
Protective finish	PTFE / graphite or approved finish	Exact formulation and treatment confirmed per order

FLEX & CAGE SUPPORT

Glass-fibre media requires careful handling and suitable support. Confirm cage dimensions, wire condition and cleaning settings. Avoid sharp folds, damaged cages and excessive flexing during installation and service.

CHEMICAL SERVICE REVIEW

Provide the acid / alkali species, concentration, moisture and temperature. Chemical suitability depends on the glass, fabric structure and protective finish; do not select by a generic acid-resistance label alone.

SELECTION NOTE: Areal weight is intentionally specified by construction rather than assigning one value to every fiberglass bag. Confirm weight, thickness tolerance, protective finish and continuous / peak limits in the approved order specification.

Order acceptance: confirm media / scrim, finish, weight and thickness tolerances, numerical air permeability and test pressure, tensile / elongation and heat-shrinkage requirements, and peak-temperature duration / frequency. Inspection scope and reports must be agreed with the quotation.

Source: Guanlin product catalogue, PDF p. 9 (high-temperature media) / p. 10 (polyester variants). Reference values are not batch test results.

REQUEST A FILTER BAG QUOTE

Send bag diameter and length, top / bottom details, tubesheet hole and plate thickness, cage dimensions, dust and gas conditions, cleaning method and quantity. Photos, a sample or an old part number are useful when no drawing is available.

Submit dimensions / RFQ

admin@filterbagworks.com

Values identified as catalogue references support initial selection only. Final suitability, dimensions and acceptance criteria are confirmed for the selected construction and operating conditions in the quotation / approved specification.