Meta-Aramid High-Temperature Filter Bag

Meta-aramid needle felt for consideration in hot, dry dust collection, including asphalt and selected mineral-processing duties. Fibre source and service conditions must be confirmed.

MEDIA & OPERATING REFERENCES

TECHNICAL PROPERTY	REFERENCE / REQUIREMENT	CONDITIONS / NOTES
Media family	Meta-aramid needle felt	Fibre source and scrim confirmed per order
Nominal areal weight	500 g/m²	14.75 oz/yd²; catalogue reference
Nominal media thickness	2.2 mm	0.087 in; catalogue reference
Air permeability	Confirm for selected grade	Numerical range, test pressure and method required
Continuous temperature	204 °C	399 °F; catalogue reference
Short-term peak temperature	240 °C / 464 °F	Duration and frequency require written confirmation
Reference finish	Heat stabilized and singed	Any additional treatment requires confirmation

GAS & MOISTURE LIMITS

Review water content, acid / sulfur compounds, oxygen and temperature together. Hot, moist or chemically aggressive gas requires a specific hydrolysis and aging review before selecting aramid.

BAG CONSTRUCTION

Confirm top and bottom construction, seams, sewing thread, cage fit and cleaning method. Thread, cuff and any surface treatment must be suitable for the selected thermal duty.

SELECTION NOTE: PTFE impregnation and membrane lamination are different constructions and are not assumed to be included. Request a confirmed specification for any additional treatment or branded fibre requirement.

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.