GORE® Filtration Products
Data Sheet

GORE® HIGH DURABILITY FILTER BAG

Anti-Static Polyester Felt 500 g/m² (14.75 oz/yd²)

Description

A 135 °C (275 °F) maximum service temperature, anti-static polyester felt filter bag for use in pulse jet style dust collectors where static dissipation is required.

Features & Benefits

- GORE High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.
- Polyester fibers provide good all-around chemical resistance, especially in applications operated below 79 °C (175 °F).
- Special multifilament scrim design provides excellent dimensional stability and resistance to mechanical damage over the life of the filter.
- Also available in cartridge form with top, bottom, and horizontal loading configurations. Withstands pressure drop up to 6.2 kPa (25 inches of water gauge)

Applications

Chemicals Processing: Dryer baghouses, bin vents, and nuisance dust collectors in the catalyst, pigment, and plastic industries.

Minerals Processing: Coal mill collectors.

Metals Processing: Process venting and material handling dust collectors for pulverized coal.

Power Generation and Incineration: Coal handling collectors and coal milling baghouses.

Laminate Technical Data

Weight	500 g/m² (14.75 oz/yd²)
Fiber Content	Polyester fiber with polyester and stainless steel scrim
Felt Construction	Supported Needlefelt
Continuous Operating Temperature	135 °C (275 °F)
Maximum Surge Temperature	149 °C (300 °F)
Acid Resistance	Fair
Alkali Resistance	Fair
Breaking Strength	Warp: 1334 N/5 cm (300 lb/2 in) wide sample Fill: 1557 N/5 cm (350 lb/2 in) wide sample
Mullen Burst	4137 kPa (600 psi)
Antistatic Performance	<10^6 Ohm DIN 54345

All data expressed as typical values. This technical data is subject to change. Please contact W. L. Gore & Associates, Inc., directly to confirm current information.

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