

GORE® LOW DRAG FILTER BAG

Polyphenylene Sulfide Felt 543 g/m² (16 oz/yd²)

Description

A 190 °C (375 °F) maximum service temperature, polyphenylene sulfide felt filter bag for use in pulse jet style dust collectors subject to chemical attack.

Features & Benefits

- The GORE® LOW DRAG Filter Membrane provides an excellent combination of filtration efficiency, airflow, and durability compared to other industry leading membranes.
- Potential benefits of this new technology are longer bag life, higher product throughput or fan energy savings or some combination thereof, depending on the application.
- Polyphenylene sulfide felt has excellent chemical resistance for longer bag life.

Applications

- **Power Generation and Incineration:** Incinerator baghouses and coal-fired boiler baghouses.
- **Chemicals Processing:** Dryer baghouses in the pigment, plastic, and catalyst industries.
- **Metals Processing:** Baghouses in the foundry, base metal production, and EAF steel production industries.

Laminate Technical Data

Weight	543 g/m ² (16 oz/yd ²)
Fiber Content	Staple – Polyphenylene Sulfide Scrim – Polyphenylene Sulfide
Felt Construction	Supported Needlefelt
Maximum Continuous Operating Temperature	190 °C (375 °F)
Acid Resistance	Excellent
Alkali Resistance	Excellent
Breaking Strength	Warp: 670 N/5 cm (150 lb/2 in) wide sample Fill: 1020 N/5 cm (230 lb/2 in) wide sample
Mullen Burst	>2760 kpa or 400 psi
Thickness	1.7–2.3 mm or 0.07"–0.09"
Thermal Stability	<2.0% shrinkage at 204 °C (400 °F) for 2 hours
Durability	Good

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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