



GORE® Filtration Products

HIGH DURABILITY 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

- Patented GORE™ High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.
- 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:	956 N/5 cm (215 lb/2 in) wide sample
• Fill:	1446 N/5 cm (325 lb/2 in) wide sample
Mullen Burst:	3620 kPa (525 psi)
Thickness:	1.27 mm (0.05 in)
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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