



GORE® Filtration Products

HIGH DURABILITY FILTER BAG

Polytetrafluoroethylene Felt
830 g/m² (24.5 oz/yd²)

DESCRIPTION

A 260 °C (500 °F) maximum service temperature, expanded polytetrafluoroethylene felt filter bag for use in pulse jet style dust collectors with chemically aggressive operating conditions.

FEATURES & BENEFITS

- Patented GORE™ High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.
- Chemically inert providing the highest all-around chemical resistance and maximum bag life.
- Constructed using a woven ePTFE scrim that provides excellent dimensional stability, extended flex life, and resistance to mechanical damage over the life of the filter.

APPLICATIONS

- **Chemicals Processing:** Chemical process reactors that incorporate micronizing, grinding, and product collection in extreme environments that are chemically and thermally aggressive.
- **Minerals Processing:** Brick kilns.
- **Metals Industry:** Lead, copper, and other base metal production.
- **Power Generation and Incineration:** Medical and municipal waste incineration, as well as coal-fired boilers.

LAMINATE TECHNICAL DATA

Weight	830 g/m ² (24.5 oz/yd ²)
Fiber Content	Staple – GORE® Expanded Polytetrafluoroethylene Scrim – Woven Expanded Polytetrafluoroethylene
Felt Construction	Supported Needlefelt
Continuous Operating Temperature	260 °C (500 °F)
Maximum Surge Temperature	274 °C (525 °F)
Acid Resistance	Excellent
Alkali Resistance	Excellent
Breaking Strength	
• Warp	890 N/5 cm (200 lb/2 in) wide sample
• Fill	824 N/5 cm (185 lb/2 in) wide sample
Mullen Burst	4136 kPa (600 psi)
Thickness	1.07 mm (0.042 in)
Thermal Stability	< 2 % shrinkage at 260 °C (500 °F) after 2 hours (unrestrained)
Durability	Very good

Note: 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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