

GORE® HIGH DURABILITY FILTER BAG

PTFE Felt 847 g/m² (25 oz/yd²)

Description

A 260 °C (500 °F) maximum service temperature, 100% expanded PTFE-coated felt filter bag that incorporates a conductive staple to offer static dissipation in pulse jet style dust collectors with chemically aggressive operating conditions.

Features & Benefits

- 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.
- GORE High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.

Applications

Chemicals Processing: Silica production, chemical process reactors that incorporate micronizing, grinding, and product collection in extreme environments that are chemically and thermally aggressive.

Metals Industry: Lead, copper, and other base metal production.

Laminate Technical Data

Weight	847 g/m ² (25 oz/yd ²)
Fiber Content	PTFE with Carbon filled PTFE fibers
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	Machine Direction: 890 N/5 cm (200 lb/2 in) wide sample Cross-Machine Direction: 668 N/5 cm (150 lb/2 in) wide sample
Mullen Burst	3447 kPa (500 psi)
Thermal Stability	< 2% shrinkage at 260 °C (500 °F) after 2 hours (unrestrained)
Durability	Excellent
Static Decay Time	0.01 seconds (NFPA 99)

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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