GORE® Filtration Products
Data Sheet

GORE® LOW DRAG FILTER BAG

PTFE Felt 830 g/m² (24.5 oz/yd²)

Description

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

Features & Benefits

- GORE LOW DRAG Filter Membrane technology 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.
- Woven ePTFE scrim for outstanding dimensional stability, extended flex life, and resistance to mechanical damage. All PTFE construction provides highest allaround chemical resistance and maximum bag life.

Applications

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

Minerals Processing: Brick kilns.

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

Power Generation and Incineration: Medical and municipal waste incineration; coal-fired boilers.

Laminate Technical Data

Weight	830 g/m² (24.5 oz/yd²)
Fiber Content	Staple – PTFE Scrim – Woven PTFE
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 or 600 psi
Thermal Stability (unrestrained)	<2.0% shrinkage at 260 °C (500 °F) for 2 hours
Durability	Very 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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