



GORE® Filtration Products

High Durability Filter Bag

Blend of Polytetrafluoroethylene and Polyimide Staple Fiber
675 g/m² (20 oz/yd²)

Description

A 260°C (500°F) maximum service temperature (in dry gas conditions), blend of expanded polytetrafluoroethylene and polyimide staple fiber felt filter bag for use in pulse jet style dust collectors.

Features & Benefits

- Patented GORE™ High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.
- High chemical resistance and low shrinkage give good performance in humid environments while extending the range of operating temperature.

- Constructed using a woven RASTEX® scrim that provides excellent dimensional stability, extended flex life, and resistance to mechanical damage over the life of the filter.

Applications

- Chemicals Processing: Chemical processes which include drying, grinding, and product collection in extreme environments that are chemically and thermally challenging.
- Minerals Processing: Kilns.
- Power Generation and Incineration: Medical and municipal waste incineration, as well as coal-fired boilers.

Laminate Technical Data

Weight:	675 g/m ² (20 oz/yd ²)
Fiber Content:	Staple – Blend of GORE® Expanded Polytetrafluoroethylene and Polyimide Staple Fiber
Scrim – Woven Expanded Polytetrafluoroethylene	
Felt Construction:	Supported Needlefelt
Continuous Operating Temperature:	260°C (500°F) (Dry gas conditions)
Maximum Surge Temperature:	274°C (525°F)
Acid Resistance:	High
Alkali Resistance:	High
Breaking Strength	
<ul style="list-style-type: none"> Machine Direction: 	890 N/5 cm (200 lb/2 in) wide sample
<ul style="list-style-type: none"> Cross-Machine Direction: 	890 N/5 cm (200 lb/2 in) wide sample
Mullen Burst:	3825 kPa (550 psi)
Thickness:	0.89 mm (0.035 in)
Thermal Stability:	< 2% shrinkage at 260°C (500°F) after 2 hours (unrestrained)
Durability:	High

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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