

GORE® HIGH DURABILITY FILTER BAG

Polyester Felt 543 g/m² (16 oz/yd²)

Description

A 135 °C (275 °F) continuous service temperature filter bag, with ePTFE membrane on polyester felt backer 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.
- Polyester fibers provide good all-around chemical resistance, especially in applications operated below 79 °C (175 °F).
- Special multifilament scrim design provides excellent dimensional stability and resistance to mechanical damage over the life of the filter.

Applications

- **Chemicals Processing:** Dryers, bin vents, and nuisance dust collectors in the pigment, plastic, and catalyst industries.
- **Minerals Processing:** Finish mills, raw mills, bulk pneumatic conveying, and bin vent dust collectors.
- **Metals Processing:** Process venting dust collectors in the lead, lead oxide, and iron and steel industries. Pulverized coal injection systems, fume and bulk handling systems in coke production, and sand reclamation systems in foundries.
- **Power Generation and Incineration:** Material handling for coal and limestone.

Laminate Technical Data

Weight	543 g/m ² (16 oz/yd ²)
Fiber Content	Polyethylene Terephthalate
Felt Construction	Supported Needlefelt
Continuous Operating Temperature	135 °C (275 °F)
Maximum Surge Temperature	149 °C (300 °F)
Acid Resistance	Fair
Alkali Resistance	Fair
Breaking Strength	Warp: 1334 N/5 cm (300 lb/2 in) wide sample Fill: 1668 N/5 cm (375 lb/2 in) wide sample
Mullen Burst	4654 kPa (675 psi)
Thickness	1.91 mm (0.075 in)

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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