

GORE® LOW DRAG FILTER BAGS

Polyester Felt 543 g/m² (16 oz/yd²)

Description

A 135°C (275°F) maximum service temperature, polyester felt with GORE® LOW DRAG Filter Bag membrane for use in pulse jet style dust collectors.

Features & Benefits

Patented GORE® LOW DRAG Filter Bag membrane technology provides an excellent combination of filtration efficiency, airflow, durability and cleanability.

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, coal 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 Staple	Polyethylene Terephthalate
Felt Construction	Supported Needle Felt
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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