GORE® Filtration Products
Data Sheet

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

The GORE LOW DRAG Filter Bags can be operated at a lower differential pressure (dP), resulting in fan energy savings, longer bag life and improved process control. Some customers choose to operate at a higher airflow (same dP) resulting in potential increases in production capacity or increased alternative fuel utilization. In all cases, this membrane provides excellent particulate capture efficiency, dust cake release and filtration performance, ultimately resulting in a lower total cost of ownership.

- The PTFE coated backing material offers enhanced flex life and chemical resistance, resulting in long bag performance life.
- Optimized filter bag design brings the best properties of the filter materials together into a finished product where the strength of the design matches and enhances the durability of the components.

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/m² (16 oz/yd²)
Fiber Content	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)

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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