GORE® Filtration Products
Data Sheet

GORE® HIGH DURABILITY FILTER CARTRIDGE

Polyester Felt 400 g/m² (12 oz/yd²)

Description

A 135 °C (275 °F) maximum service temperature, stayed-polyester felt filter cartridge for use in pulse jet style dust collectors where high differential pressure and high cleaning pressures are required due to aggressive dust loading.

Features & Benefits

- 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).
- Available in top, bottom, and horizontal loading configurations.
- Withstands pressure drop up to 6.2 kPa (25 inches water gauge).

Applications

Chemicals Processing: Dryers, bin vents, and nuisance dust collectors in the pigment, plastic, and catalyst industries.

Minerals Processing: Finish mill, bulk loading, ship off-loaders, and bin vent dust collectors.

Metals Processing: Material handling for coal and limestone. Process venting dust collectors in the lead, lead oxide, and iron and steel industries. Fume and bulk handling systems in coke production, and sand reclamation systems in foundries.

Laminate Technical Data

Weight	400 g/m² (12 oz/yd²)
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	Length: 890 N/5 cm (200 lb/2 in) Cross: 960 N/5 cm (215 lb/2 in)
Mullen Burst	2482 kPa (360 psi)

All data expressed as minimum values. This specification is subject to change. Please contact W. L. Gore & Associates, Inc., directly to confirm current information.

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GFP-147-R1-DSH-EN-OCT26