GORE® Filtration Products

HIGH DURABILITY FILTER CARTRIDGES

Fiberglass Fabric Coated with Polytetrafluoroethylene 570 g/m² (16.8 oz/yd²)

Description

A 218 °C (425 °F) maximum service temperature, stayed-polytetrafluoroethylene fiberglass fabric 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

- Patented GORE™ High Durability membrane technology provides an excellent combination of filtration efficiency, airflow, and durability.
- Polytetrafluoroethylene fiberglass fibers provide good all-around chemical and temperature resistance.
- Available in top, bottom, and horizontal loading configurations.
- Withstands pressure drop up to 6.2 kPa (25 inches water gauge).

Applications

- **Chemicals Processing:** Dryers and micronizers in TiO_2 and pigment industries.
- **Minerals Processing:** Cement kiln/mill, alkali bypass, lime kiln, and lightweight aggregate dust collectors.
- **Metals Processing:** Iron and steel production foundries and ferro-alloy production.
- **Power Generation and Incineration:** Incinerators and boilers.

Laminate Technical Data

Weight	570 g/m² (16.8 oz/yd²)
Fiber Content	Fiberglass
Felt Construction	Double-Beam, Modified Crowfoot
Continuous Operating Temperature	218 °C (425 °F)
Maximum Surge Temperature	288 °C (550 °F)
Acid Resistance	Very Good
Alkali Resistance	Fair
Breaking Strength • Machine Direction • Cross-Machine Direction:	 1557 N/2.54 cm (350 lb/1 in) ravel 1223 N/2.54 cm (275 lb/1 in) ravel
Mullen Burst	4826 kPa (700 psi)
Thickness	0.74 mm (0.029 in)

Note: 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.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging options.

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