



GORE® Filtration Products

High Durability Filter Cartridge

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 TiO₂ 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/m ² (16.8 oz/yd ²)
Fiber Content:	Fiberglass
Fabric 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:	1300 N/2.54 cm (300 lb/1 in) ravel
• Cross-Machine Direction:	1112 N/2.54 cm (250 lb/1 in) ravel
Mullen Burst:	4137 kPa (600 psi)
Thickness:	0.71 mm (0.028 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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