



GORE® Filtration Products

High Durability Filter Bag

SUPERFLEX™ Fabric
630 g/m² (18.5 oz/yd²)

Description

A 260°C (500°F) maximum service temperature, patented expanded polytetrafluoroethylene fiber/fiberglass composite fabric filter bag for use in pulse jet style dust collectors.

Features & Benefits

- Patented GORE™ High Durability membrane technology provides an excellent combination of filtration efficiency and dust cake release.
- Patented expanded polytetrafluoroethylene-coated fiberglass fiber composite provides good all-around chemical and temperature resistance with superior flex resistance.
- Patented fabric design and construction provides excellent dimensional stability, superior flexibility, and resistance to mechanical damage over the life of the filter.

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:	630 g/m ² (18.5 oz/yd ²)
Fiber Content:	Fluoropolymer-Fiberglass Composite
Fabric Construction:	Double-Filling Face
Continuous Operating Temperature:	260°C (500°F)
Maximum Surge Temperature:	274°C (525°F)
Acid Resistance:	Very Good
Alkali Resistance:	Fair
Breaking Strength	
• Warp:	2200 N/2.54 cm (500 lb/1 in) ravel
• Fill:	1785 N/2.54 cm (400 lb/1 in) ravel
Mullen Burst:	5500 kPa (800 psi)
Thickness:	0.635 mm (0.025 in)
MIT Flex:	Over 1,000,000 cycles

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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