



GORE® Filtration Products

HIGH DURABILITY FILTER BAG

SUPERFLEX™ Fabric
614 g/m² (18.1 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:	614 g/m ² (18.1 oz/yd ²)
Fiber Content:	Fluoropolymer-Fiberglass Composite
Fabric Construction:	Double Beam Warp-Modified Crowfoot
Continuous Operating Temperature:	260°C (500°F)
Maximum Surge Temperature:	274°C (525°F)
Acid Resistance:	Very Good
Alkali Resistance:	Fair
Breaking Strength	
• Warp:	1785 N/2.54 cm (400 lb/1 in) ravel
• Fill:	1785 N/2.54 cm (400 lb/1 in) ravel
Mullen Burst:	6875 kPa (1000 psi)
Thickness:	0.79 mm (0.031 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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