

GORE® HIGH DURABILITY FILTER BAG

Fiberglass Fabric Coated with Polytetrafluoroethylene 746 g/m² (22 oz/yd²)

Description

A 260 °C (500 °F) continuous operating temperature filter bag, with ePTFE membrane on PTFE coated fiberglass woven backer 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.
- Polytetrafluoroethylene fiberglass fibers provide good all-around chemical and temperature resistance.
- Heavyweight fabric design and construction provides excellent dimensional stability and strength.

Applications

- **Chemicals Processing:** Dryers and micronizers in TiO₂ and pigment industries; Reactor, Purge and Process bag houses in Carbon Black production
- **Minerals Processing:** Cement kiln/mill, alkali bypass, lime kiln, and lightweight aggregate dust collectors
- **Metals Processing:** Iron cupola
- **Power Generation and Incineration:** Soil remediation

Laminate Technical Data

Weight	746 g/m ² (22 oz/yd ²)
Fiber Content	Fiberglass
Felt Construction	Double Face Filling
Continuous Operating Temperature	260 °C (500 °F)
Maximum Surge Temperature	288 °C (550 °F)
Acid Resistance	Very Good
Alkali Resistance	Fair
Breaking Strength	Warp: 1558 N/2.54 cm (350 lb/1 in) modified cut strip Fill: 2002 N/2.54 cm (450 lb/1 in) modified cut strip
Mullen Burst	6205 kPa (900 psi)

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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