

GORE® HIGH DURABILITY FILTER BAGS

Polytetrafluoroethylene Fabric 288 g/m² (8.5 oz/yd²)

Description

A 260 °C (500 °F) maximum service temperature, polytetrafluoroethylene fabric for use in pulse jet, reverse air, and shaker style dust collectors with chemically aggressive operating conditions.

Features & Benefits

- Patented GORE™ High Durability membrane combines the best combination of filtration efficiency, airflow, and rugged durability.
- The backing material is chemically inert and extremely supple and flexible. These features offer enhanced flex life and long bag performance life, even in chemically aggressive conditions.
- ePTFE high tenacity sewing thread means a more rugged, dependable construction, which matches the chemical resistance of the rest of the bag.
- Optimized construction brings the best properties of the filter materials together into a finished product where the strength of the design matches and enhances the strength of the components.

Applications

Chemicals Industry: Dryers

Energy Production: Chemical and hazardous waste incinerators.

Metals Industry: Base metals smelters and furnaces.

Laminate Technical Data

Weight	288 g/m ² (8.5 oz/yd ²)
Fiber Content	Polytetrafluoroethylene
Continuous Operating Temperature	260 °C (500 °F)
Maximum Surge Temperature	274 °C (525 °F)
Acid Resistance	Excellent
Alkali Resistance	Excellent
Breaking Strength	Warp: 1334 N/2.54 cm (300 lb/1 in) modified grab Fill: 1223 N/2.54 cm (275 lb/1 in) modified grab
Mullen Burst	3447 kPa (500 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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