GORE® Filtration Products
Data Sheet

GORE® LOW DRAG FILTER BAGS

Acid-Resistant Fiberglass Fabric 339 g/m² (10 oz/yd²)

Description

This long lasting, acid-resistant fiberglass fabric filter bag is the latest technology for reverse air style dust collectors, enabling operation in high temperature environments (260 °C, 500 °F). It comes with our GORE LOW DRAG Filter Bag which has inherently less resistance to airflow and therefore provides a variety of benefits.

Features & Benefits

GORE LOW DRAG Filter Bag can be operated at a lower differential pressure (dP), resulting in fan energy savings, longer bag life and improved process control. Some customers choose to operate at a higher airflow (same dP) resulting in potential increases in production capacity or more effective evacuation. In all cases, this membrane provides excellent particulate capture efficiency, dust cake release and filtration performance.

- The acid-resistant backing material offers enhanced flex life and chemical resistance, resulting in long bag performance life.
- Optimized filter bag design brings the best properties of the filter materials together into a finished product where the strength of the design matches and enhances the durability of the components.

Applications

Chemicals Industry: Carbon black.

Energy Production: Utility and Industrial coal-fired boilers.

Metals Industry: Iron, steel and ferro-alloy furnaces.

Minerals Industry: Cement and lime kilns.

Laminate Technical Data

Weight	339 g/m² (10 oz/yd²)
Fiber Content	Fiberglass
Fabric Construction	1 x 3 RH Twill
Continuous Operating Temperature	260 °C (500 °F)
Maximum Surge Temperature	288 °C (550 °F)
Acid Resistance	Very Good
Alkali Resistance	Fair
Breaking Strength	Warp: 1557 N/2.54 cm (350 lb/1 in) modified cut strip Fill: 1112 N/2.54 cm (250 lb/1 in) modified cut strip
Mullen Burst	4137 kPa (600 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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