

GORE® LOW DRAG FILTER BAGS

Fiberglass Fabric 746 g/m² (22 oz/yd²)

Description

This polytetrafluoroethylene coated fiberglass GORE® LOW DRAG Filter Bag is the latest technology for pulse jet style dust collectors, enabling operation in high temperature environments (260 °C, 500 °F). GORE LOW DRAG Filter Bags incorporate an entirely new class of membranes which has inherently less resistance to airflow and therefore provides a variety of benefits.

Features & Benefits

The GORE LOW DRAG Filter Bags 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 increased alternative fuel utilization. In all cases, this membrane provides excellent particulate

capture efficiency, dust cake release and filtration performance, ultimately resulting in a lower total cost of ownership.

- The PTFE coated 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 Processing: Micronizers and Main Unit Filters.

Energy Production: Utility and Industrial coal-fired boilers.

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

Minerals Industry: Cement and lime kilns, clinker cooler.

Laminate Technical Data

Weight	746 g/m ² (22 oz/yd ²)
Fiber Content	Fiberglass
Fabric 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.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

All technical information and advice given here are based on Gore's previous experiences and/or test results. Gore gives this information to the best of its knowledge, but assumes no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. The above information is subject to change and is not to be used for specification purposes. Gore's terms and conditions of sale apply to the sale of the products by Gore.

GORE, *Together, improving life* and designs are trademarks of W. L. Gore & Associates. © 2018–2020 W. L. Gore & Associates GmbH