GORE® Filtration Products
Data Sheet

GORE® DeNOx CATALYTIC FILTER BAGS

Needle Felt 1380 g/m2 (40.7 oz/yd2)

Description

GORE® DeNOx Catalytic Filter Bags reduce NOx and NH_3 with minimum or no changes in the existing process and equipment.

Features & Benefits

- Reliably meet NOx, NH_3 and particulate compliance requirements
- Low capital investment
- Minor or no changes to process and operation
- No additional footprint
- No differential pressure increase
- Minimum downtime for installation

Applications

- Waste-to-Energy
- Chemicals processing
- Lime and cement
- Metals processing

Laminate Technical Data

Fiber Content	Staple – PTFE Scrim – Woven PTFE
Felt Construction	Supported Needlefelt
Continuous Operating Temperature	500 °F (260 °C) maximum
Maximum Surge Temperature	525 °F (274 °C)
Acid Resistance	Excellent
Alkali-Resistance	Excellent
Weight	1380 g/m2 (40.7 oz/yd2)
Breaking Strength	Machine Direction: 130 lbs/2" wide sample (58 kg/5 cm) Cross-Machine Direction: 120 lbs/2" wide sample (53kg/5 cm)
Mullen Burst	400 psi (28 kg/cm^2)
Thickness	0.072" (1.85 mm)
Thermal Stability	Less than 4% shrinkage at 260 °C after 2 hours (on cage)
Durability	Excellent

Product attributes expressed as minimum values. This technical data is subject to change.
Please contact W. L. Gore & Associates, Inc., directly to confirm current information.

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