

GORE® FILTER BAG

Acid-Resistant Aramid Felt 475 g/m² (14 oz/yd²)

Description

A 204 °C (400 °F) maximum service temperature, acid-resistant aramid felt filter bag for use in pulse jet style dust collectors.

Features & Benefits

- GORE membrane technology provides an excellent combination of filtration efficiency and dust cake release.
- Woven ePTFE scrim offers superior chemical resistance and excellent dimensional stability.
- Unique acid-resistant treatment reduces the detrimental effects of moisture and acids.
- Also available in cartridge form with top, bottom, and horizontal loading configurations. Withstands pressure drop up to 6.2 kPa (25 inches of water gauge)

Applications

Chemicals Processing: Dryer baghouses in the pigment, plastic, and catalyst industries.

Minerals Processing: Dryer baghouses in the gypsum industry and clinker cooler baghouses.

Metals Processing: High temperature process collectors for lead oxide and electric arc furnace baghouses in the steel industry.

Power Generation and Incineration: Fly ash handling collectors.

Laminate Technical Data

Weight	475 g/m ² (14 oz/yd ²)
Fiber Content	100% Virgin Aramid
Felt Construction	Supported Needlefelt with Acid-Resistant Treatment
Continuous Operating Temperature	204 °C (400 °F)
Maximum Surge Temperature	218 °C (425 °F)
Acid Resistance	Very Good
Alkali Resistance	Good
Breaking Strength	Warp: 1112 N/5 cm (250 lb/2 in) wide sample Fill: 1600 N/5 cm (360 lb/2 in) wide sample
Mullen Burst	4653 kPa (675 psi)
Elongation at 50 lb	Warp: 2.0% Fill: 5.5%
Flame-Resistance Testing ASTM D 6413-08	After Flame: 0 seconds After Glow: 35.1 seconds Char Length: 1.1 inches

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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