



GORE® Filtration Products

FILTER CARTRIDGE

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

Description

A 204°C (400°F) maximum service temperature, stayed-aramid felt filter cartridge for use in pulse jet style dust collectors where high differential pressure and high cleaning pressures are required due to aggressive dust loading.

Features & Benefits

- Patented GORE™ membrane technology provides an excellent combination of filtration efficiency and dust cake release.
- Unique acid-resistant treatment reduces the detrimental effects of moisture and acids.

- Withstands pressure drop up to 6.2 kPa (25 inches water gauge).
- Available in top, bottom, and horizontal loading configurations.

Applications

- Chemicals Processing:** Dryers, bin vents, and nuisance dust collectors in the pharmaceutical, pigment, plastic, food, and catalyst industries.
- Minerals Processing:** Clinker coolers.
- Metals Processing:** Process venting dust collectors for base metal kiln applications.

Laminate Technical Data

Weight:	475 g/m² (14 oz/yd²)
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:	1445 N/5 cm (325 lb/2 in) wide sample
Mullen Burst:	3447 kPa (500 psi)
Thickness:	1.78 mm (0.070 in)
Elongation at 50 lb	
• Warp:	3.0%
• Fill:	5.5%

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.

©GORE and RASTEX are registered trademarks of W. L. Gore & Associates, Inc. Patent No. 4,983,434

Rev. 11/07/07

W. L. GORE & ASSOCIATES, INC.
101 Lewisville Road, Elkton, MD 21922
Toll-Free: 1.800.431.GORE (4673)
Phone: 410.392-3300 • Fax: 410.398-6624

www.gore.com/filtration

