



→ Used mainly in the temperature range 90 to 125°C in the presence of moisture/steam and mild acid conditions where polyester would fail due to hydrolysis. Homopolymer acrylic has a narrow window of application, typically drying, low temperature flue gas applications and some milling operations where moisture may be present.



Homopolymer Acrylic (250x)

## ► Premium Construction

- Homopolymer-seam construction results in a seam with increased dependability and efficiency
- Available in a wide variety of top and bottom configurations, diameters and lengths
- Options include ground wires, abrasion cuffs and expansion rings

## ► Applications

- Used in asphalt, quarrying, lime, foundry, cement, smelting, gypsum and chemical industries

## ► Media Compatibility Data

<b>Max. Operating Temperature</b>	284°F, 140°C
<b>Max. Surge Temperature</b>	302°F, 150°C
<b>Abrasion Resistance</b>	Good
<b>Alkali Resistance</b>	Very Good
<b>Acid Resistance</b>	Good
<b>Subject to Hydrolysis*</b>	Good
<b>Chemical Resistance**</b>	Excellent

## ► Media Specifications

<b>Substrate</b>	Homopolymer Acrylic Felt
<b>Fabric Weight</b>	600 g/m <sup>2</sup>
<b>Thickness</b>	2.7 mm
<b>Air Permeability</b>	120 l/dm <sup>2</sup> /min at 200 Pa

→ \* Environmental conditions involving combinations of high temperature, corrosive material and moisture can reduce media strength. Reduction in media strength may compromise bag integrity and performance.

→ \*\* A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise bag integrity and performance.