

# Replacement Element Media

<b>Dura-Life Antistatic Oleo/Hydrophobic Filter Media</b>	
<b>Appearance</b>	Grey
<b>Use</b>	Filter bags
<b>Composition</b>	94% polyester + 6% epitropic conductive fibre
<b>Area Weight</b> (DIN 53854)	340 g/m <sup>2</sup>
<b>Thickness</b> (DIN 53855)	1.6 mm
<b>Air Permeability</b> (DIN 53887) (ASTM D461)	170 l/dm <sup>2</sup> min at 200 Pa 35 cfm/ft <sup>2</sup> at 0.5" wg
<b>Dimensional Stability @ 177°C</b>	<3.0%
<b>Surface Finish</b>	None
<b>Additional Treatments</b>	Heat set Oleo/hydrophobic oil and water repellent finish
<b>Surface Electrical Resistance</b> (DIN 54345)	Less than 10 <sup>8</sup> ohms
<b>BIA Category</b>	Not Applicable
<b>Temperature (dry heat)</b>	
Continuous (°C)	135 °C
Peaks (°C)	150 °C
<b>Chemical Resistance</b>	
Hydrolysis	Poor
Acids	Good
Alkalis	Good
Oxidising agents	Very Good
Organic solvents	Very Good
<b>Abrasion Resistance</b>	Very good
<b>Supports Combustion</b>	Yes
<b>Suitable applications</b>	Where the dust has an oil or moisture content, the oleo/hydrophobic treatment improves cake release and prevents premature blinding of the media and is also beneficial when handling moisture sensitive dusts. The antistatic conductive fibre content prevents the build up of dangerous static charges, which could initiate an explosion inside the filter casing.

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