



Donaldson.  
FILTRATION SOLUTIONS

## DATA SHEET

### Filter media

Dura-Life® Oleophobic Hydrophobic Anti-Static

### Dura-Life® Oleophobic Hydrophobic Anti-Static

<b>Appearance</b>	Grey
<b>Use</b>	Filter bags
<b>Composition</b>	Mixture of polyester fibres, bicomponent polyester and epitropic conductive fibres
<b>Area weight</b>	320 g/m <sup>2</sup>
<b>Thickness</b>	1.6 mm
<b>Air Permeability</b> (Frazier)	700 m <sup>3</sup> /m <sup>2</sup> /h at 125 Pa
<b>Dimensional stability at 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> Ω
<b>IFA/BIA certificate</b> (DIN 660335-2-69)	N/A
<b>Temperature (dry heat)</b>	
Continuous	135 °C
Peaks	150 °C
<b>Chemical resistance</b>	
Hydrolysis	Poor
Acids	Good
Alkalies	Good
Oxidising agents	Very good
Organic solvents	Very good
<b>Abrasion resistance</b>	Very good
<b>Supports combustion</b>	Yes
<b>Application field</b>	Whenever 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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