



Donaldson  
FILTRATION SOLUTIONS

## DATA SHEET

### Filter media

Dura-Life® Oleophobic Hydrophobic

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<b>Appearance</b>	White
<b>Use</b>	Filter bags
<b>Composition</b>	Mixture of polyester and bicomponent polyester fibres
<b>Area weight</b>	320 g/m <sup>2</sup>
<b>Thickness</b>	1.6 mm
<b>Air Permeability (Frazier)</b>	720 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 (DIN 54345)</b>	N/A
<b>IFA/BIA certificate (DIN 660335-2-69)</b>	N/A
<b>Temperature (dry heat)</b>	
Continuous	135 °C
Peaks	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>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. It is also beneficial when handling moisture sensitive or hygroscopic materials, preventing 'wetting' of the felt and the formation of nodules on the media surface. The treatment is unaffected by temperature and washing.