



Donaldson  
FILTRATION SOLUTIONS

## DATA SHEET

### Filter media

Dura-Life® Anti-Static

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<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 (Frazier)</b>	750 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
<b>Surface electrical resistance (DIN 54345)</b>	Less than 10 <sup>8</sup> Ω
<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>	The antistatic conductive fibre content prevents the build up of any dangerous static charges on the media surface, which could initiate an explosion inside the collector casing. Also, with certain dusts, these charges can have an effect on the dust release properties of the media, thereby influencing filter performance.