



Donaldson
FILTRATION SOLUTIONS

DATA SHEET

Filter media

Polyester EU Food

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Use	Dalamatic, MBT & Will-Fit filter bags
Composition	100% Polyester – FDA/EU Food compliant
Area weight (DIN 53884)	550 g/m ²
Thickness (DIN 53885)	1.6 mm
Air Permeability (DIN 53887)	900 m ³ /m ² /h at 200 Pa
Dimensional stability at 150 °C (%)	1.0
Surface finish	Glazed surface finish
Additional treatments	Heat set
Surface electrical resistance (DIN 54345)	N/A
IFA/BIA certificate (DIN 660335-2-69)	N/A
Temperature (dry heat)	
Continuous	135 °C
Peaks	150 °C
Chemical resistance	
Hydrolysis	Poor
Acids	Good
Alkalis	Fair
Oxidising agents	Good
Organic solvents	Good
Abrasion resistance	Good
What to avoid	Gases above 100 °C containing moisture and/or weak acid cause hydrolysis. Also avoid strong alkalis, ammonia and phenols.
Suitable applications	Wherever there is a requirement for conformity to FDA, EC 1935-2004, EU 10/2011 and EC 2023/2006 regulations. Polyester EU Food compliant media is suitable for the majority of temperature and chemical environments likely to be encountered in any food or pharmaceutical application
Application field example	Food and pharmaceutical – milling, drying, venting, mixing, packing etc.

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