



Donaldson
FILTRATION SOLUTIONS

DATA SHEET

Filter media

Polyester EU Food Oleophobic Hydrophobic Anti-Static

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Use	Dalamatic, MBT & Will-Fit filter bags
Composition	100% Polyester – FDA/EU Food compliant- with stainless steel matrix
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, oleophobic/hydrophobic treatment
Surface electrical resistance (DIN 54345)	Less than 10 ⁸ Ω
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 regulation. Polyester Oleophobic Hydrophobic Anti-Static EU Food compliant media is suitable for the majority of temperature and chemical environments likely to be encountered in any food or pharmaceutical application. The antistatic conductive properties prevents the build up of any dangerous static charges on the media surface which could initiate an explosion inside the collector casing. The oleo/hydro treatment will enhance dust cake release when handling oily or moisture sensitive products.
Application field example	Food and pharmaceutical – milling, drying, venting, mixing, packing.

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