



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	<p>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.</p> <p>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.</p>
Application field example	Food and pharmaceutical – milling, drying, venting, mixing, packing.