DATA SHEET

Filter media

Tetratex Contact Anti-Static

Tetratex Contact Anti-Static

Product Code	8305
Use	Dalamatic, MBT & Will-Fit filter bags
Composition	Polyester + stainless steel matrix scrim – FDA/EU Food compliant
Area weight (DIN 53884)	500 g/m²
Thickness (DIN 53885)	2.1 mm
Air Permeability (DIN 53887)	40–80 l/dm² min @ 200 Pa
Dimensional stability at 150 °C (%)	1.5
Surface finish	Tetratex Contact® ePTFE Membrane
Surface electrical resistance (DIN 54345)	< 1.0 x 10^8 Ω (DEKRA EXAM accredited)
IFA/BIA certificate (DIN 660335-2-69)	Class M Test report: 201222724/6210
Temperature (dry heat)	
Continuous	150 °C
Minimum break strength (N/50mm)	
Warp	600
Weft	1000
Chemical resistance	
Hydrolysis	Poor
Acids	Fair
Alkalis	Fair
Oxidising agents	Fair
Organic solvents	Good
Abrasion resistance	N/A
What to avoid	Gases above 100 °C containing moisture and/or weak acid cause hydrolysis. Also avoid strong alkalis, ammonia and phenols.
Application field	Wherever there is a requirement for conformity to FDA FR 21 § 177, EC 1935-2004 and EU 10/2011 regulations. Tetratex Contact Polyester Needlefelt 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. This media isn't suitable for applications with fatty substances. Food and pharmaceutical – milling, drying, venting, mixing, packing etc.