



# DATA SHEET

**Filter media**  
Tetratex Contact

## Tetratex Contact

<b>Product Code</b>	8301
<b>Use</b>	Dalamatic, MBT & Will-Fit filter bags
<b>Composition</b>	100% polyester – FDA/EU food compliant
<b>Area weight</b> (DIN 53884)	500 g/m <sup>2</sup>
<b>Thickness</b> (DIN 53885)	1.7 mm
<b>Air Permeability</b> (DIN 53887)	50–100 l/dm <sup>2</sup> /min @ 200 Pa
<b>Dimensional stability at 150 °C</b> (%)	1.0
<b>Surface finish</b>	Tetratex Contact ePTFE membrane
<b>Surface electrical resistance</b> (DIN 54345)	N/A
<b>IFA/BIA certificate</b> (DIN 660335-2-69)	Class M Test report: 201222723/6210
<b>Temperature (dry heat)</b>	
Continuous	150 °C
<b>Minimum break strength (N/50mm)</b>	
Warp	600
Weft	1000
<b>Chemical resistance</b>	
Hydrolysis	Poor
Acids	Fair
Alkalis	Fair
Oxidising agents	Fair
Organic solvents	Good
<b>Abrasion resistance</b>	N/A
<b>What to avoid</b>	Gases above 100 °C containing moisture and/or weak acid cause hydrolysis. Also avoid strong alkalis, ammonia and phenols.
<b>Application field</b>	When there is a requirement for conformity to FDA CFR 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. This media isn't suitable for applications with fatty substances.  Food and pharmaceutical – milling, drying, venting, mixing, packing etc.