



# DATA SHEET

## Filter media Tetratex Contact Anti-Static

### Tetratex Contact Anti-Static

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| <b>Product Code</b>                              | 8305   |
| <b>Use</b>                                       | Dalamatic, MBT & Will-Fit filter bags  |
| <b>Composition</b>                               | Polyester + stainless steel matrix scrim – FDA/EU Food compliant   |
| <b>Area weight</b> (DIN 53884)                   | 500 g/m <sup>2</sup>   |
| <b>Thickness</b> (DIN 53885)                     | 2.1 mm   |
| <b>Air Permeability</b> (DIN 53887)              | 40–80 l/dm <sup>2</sup> min @ 200 Pa   |
| <b>Dimensional stability at 150 °C</b> (%)       | 1.5  |
| <b>Surface finish</b>                            | Tetratex Contact® ePTFE Membrane   |
| <b>Surface electrical resistance</b> (DIN 54345) | < 1.0 x 10 <sup>8</sup> Ω (DEKRA EXAM accredited)  |
| <b>IFA/BIA certificate</b> (DIN 660335-2-69)     | Class M<br>Test report: 201222724/6210   |
| <b>Temperature (dry heat)</b>                    |  |
| Continuous                                       | 150 °C   |
| <b>Minimum break strength</b> (N/50mm)           |  |
| 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>                         | <p>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.</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. This media isn't suitable for applications with fatty substances.</p> <p>Food and pharmaceutical – milling, drying, venting, mixing, packing etc.</p> |

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