



# DATA SHEET

## Filter media

Polyester EU Food

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|   |  |
|---|--|
| <b>Use</b>  | Dalamatic, MBT & Will-Fit filter bags  |
| <b>Composition</b>                                  | 100% Polyester – FDA/EU Food compliant   |
| <b>Area weight</b> (DIN 53884)                      | 550 g/m <sup>2</sup>   |
| <b>Thickness</b> (DIN 53885)                        | 1.6 mm   |
| <b>Air Permeability</b> (DIN 53887)                 | 900 m <sup>3</sup> /m <sup>2</sup> /h at 200 Pa  |
| <b>Dimensional stability at 150 °C (%)</b>          | 1.0  |
| <b>Surface finish</b>                               | Glazed surface finish  |
| <b>Additional treatments</b>                        | Heat set   |
| <b>Surface electrical resistance</b><br>(DIN 54345) | N/A  |
| <b>IFA/BIA certificate</b><br>(DIN 660335-2-69)     | N/A  |
| <b>Temperature (dry heat)</b>                       |  |
| Continuous  | 135 °C   |
| Peaks   | 150 °C   |
| <b>Chemical resistance</b>                          |  |
| Hydrolysis  | Poor   |
| Acids   | Good   |
| Alkalis   | Fair   |
| Oxidising agents                                    | Good   |
| Organic solvents                                    | Good   |
| <b>Abrasion resistance</b>                          | Good   |
| <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>Suitable applications</b>                        | Wherever there is a requirement for conformity to FDA, EC 1935-2004, EU 10/2011 and EC 2023/2006 regulations. Polyester EU Food compliant media is suitable for the majority of temperature and chemical environments likely to be encountered in any food or pharmaceutical application |
| <b>Application field example</b>                    | Food and pharmaceutical – milling, drying, venting, mixing, packing etc.   |