

## Cable Products

### Reinforced nonwoven waterblocking tape

#### DATA SHEET

**3E1152**

| Properties (23°C, 50% RH)         | Nominal value  | Unit             | Test methods = LANTOR® method     |
|-----------------------------------|--|------------------|-----------------------------------|
| Mass per unit area                | 95   | g/m <sup>2</sup> | ISO 9073-1 = KE030                |
| Thickness                         | 0.38   | mm               | ISO 9073-2 = KE050                |
| Tensile strength                  | 100  | N/cm             | ISO 9073-3 = KE060                |
| Elongation                        | 14   | %                | ISO 9073-3 = KE060                |
| Surface resistance                | -  | Ω/[ ]            | IEC 167 = KE200                   |
| Volume resistivity                | -  | MΩ.cm            | DIN 54345, Part 1 = KE276         |
| Moisture content (ex works)       | 5  | %                | 110°C (halogen drying) = KE186    |
| Swelling speed (first min.)       | 9.5  | mm/min.          | Eur. HD 605 S1/A1 = KE100         |
| Swelling height (final in 3 min.) | 12   | mm               | Eur. HD 605 S1/A1 = KE100         |
| Max. service temperature          | 100  | °C               | IEC 216 = Info Sheet 45, Para. 11 |
| Max. processing temperature       | 225  | °C               | Info Sheet 45, Para. 12           |
| Composition                       | Polyester<br>Polyacrylate<br>Waterswellable powder / Polyester scrim |                  |                                   |

Used in power cables, in the screen area, over the open metal screen (wire)

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