

# Product - Data - Sheet

|  |  |  |                             |
|--|--|--|-----------------------------|
| <b>ESBAND Type</b>   | <b>HT 4012</b>   |  | data-sheet no.<br><br>41203 |
|  | <b>1st side</b>  | <b>2nd side</b>  |                             |
| Carcass  | polyester  |  |                             |
| Coating  | polyurethane<br>ground   | Hytrel®<br>smooth  |                             |
| Hardness <sup>6)</sup>   | 55 ± 7 Shore A   | 40 ± 5 Shore D   |                             |
| Resistance to abrasion   | high   | high   |                             |
| Food approved  | no   | no   |                             |
| Coefficient of friction to<br>steel <sup>5)</sup><br>paper <sup>5)</sup>   | medium<br>very high  | medium<br>medium   |                             |
| Resistance to temperature  | -10 up to 60 °C  |  |                             |
| Antistatic   | possible   |  |                             |
| Breaking resistance per mm width<br>endless <sup>1)</sup>                  | 340 N  |  |                             |
| Elongation at 1 mm width<br>endless <sup>1)</sup>                          | 10 N<br>30 N<br>60 N   | 0.2 up to 0.4 %<br>0.6 up to 0.8 %<br>1.5 up to 1.7 %            |                             |
| Strength required for 1% elongation<br>at 1 mm width endless <sup>1)</sup> | 30 ± 3 N   |  |                             |
| Minimum pulley diameter <sup>1)</sup>                                      | 20 mm  |  |                             |
| Available sizes standard <sup>2)</sup>                                     | length <sup>3)</sup><br>width<br>thickness<br>Standard thickness | 540 up to 4800 mm<br>5 up to 800 mm<br>1.5 up to 10 mm<br>1.5 mm |                             |
| Tolerances   | length<br>width<br>thickness                                     | ± 0,5 % (min ± 2,5 mm)<br>± 0.5 mm<br>± 0.15 mm                  |                             |

<sup>1)</sup>at standard thickness; <sup>2)</sup>Possible widths depend on the length to be produced; <sup>3)</sup>inside length; <sup>4)</sup>still has to be tested; <sup>5)</sup>>0.79 = very high, 0.60-0.79 = high, 0.40-0.59 = medium, 0.20-0.39 = low, <0.20 = very low; <sup>6)</sup>Measured according to DIN ISO 7619-1

All data in this data-sheet correspond to the latest state of the art. Modifications are possible without prior notice. The values stated are for information only, they do not guarantee a specific property.

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