



Schlatterer
Esband

Product - Data-Sheet

| | | | |
|--|------------------------|------------------------|----------------|
| ESBAND Type | PU 18 | | data-sheet no. |
| | 1st side | 2nd side | 11802 |
| Carcass | aramide | | |
| Coating | polyurethane ground | polyurethane ground | |
| Hardness ⁶⁾ | 55 ± 7 Shore A | 55 ± 7 Shore A | |
| Resistance to abrasion | high | high | |
| Food approved | no | no | |
| Coefficient of friction to steel ⁵⁾ paper ⁵⁾ | medium very high | medium very high | |
| Resistance to temperature | -10 up to 60 °C | | |
| Antistatic | possible | | |
| Breaking resistance per mm width endless ¹⁾ | 640 N | | |
| Elongation at 1 mm width endless ¹⁾ | 30 N | 0.3 up to 0.5 % | |
| | 60 N | 0.6 up to 0.8 % | |
| | 100 N | 0.8 up to 1.0 % | |
| Strength required for 1% elongation at 1 mm width endless ¹⁾ | 128 ± 5 N | | |
| Minimum pulley diameter ¹⁾ | 35 mm | | |
| Available sizes standard ²⁾ | length ³⁾ | 200 up to 4200 mm | |
| | width | 3 up to 800 mm | |
| | thickness | 3.0 up to 10 mm | |
| | Standard thickness | 3 mm | |
| Tolerances | length | ± 1,0 % (min ± 2,5 mm) | |
| | width | ± 1,0 mm | |
| | thickness | ± 0.1 mm | |

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

Edition:
20.07.2021