



Schlatterer  
**Esband**

# Product - Data-Sheet

ESBAND Type		FX 11		data-sheet no.  81103
		1st side	2nd side	
Carcass		polyester		
Coating		TPU smooth	textile raw	
Hardness <sup>6)</sup>		80 ± 5 Shore A	-/-	
Resistance to abrasion		high	-/-	
Food approved		FDA	-/-	
Coefficient of friction to	steel <sup>5)</sup> paper <sup>5)</sup>	medium medium	low low	
Resistance to temperature		-20 up to 80 °C		
Antistatic		possible		
Breaking resistance per mm width endless <sup>1)</sup>		100 N		
Elongation at 1 mm width endless <sup>1)</sup>	10 N 30 N 60 N	0.3 up to 0.5 % 1.3 up to 1.7 % 5.0 up to 5.8 %		
Strength required for 1% elongation at 1 mm width endless <sup>1)</sup>		23 ± 2 N		
Minimum pulley diameter <sup>1)</sup>		12 mm		
Available sizes standard <sup>2)</sup>	length <sup>3)</sup> width thickness Standard thickness	480 up to 4000 mm 5 up to 900 mm 0.9 up to 1.2 mm 0.9 mm		
Tolerances	length width thickness	± 0,5 % (min ± 2,5 mm) ± 0.5 mm ± 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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