

Product - Data-Sheet

ESBAND Type	FX Elastik		data-sheet no. 81000
	1st side	2nd side	
Carcass	without		
Coating	TPU ground	TPU T-profile	
Hardness ⁶⁾	80 ± 5 Shore A	80 ± 5 Shore A	
Resistance to abrasion	high	high	
Food approved	FDA	FDA	
Coefficient of friction to steel ⁵⁾ paper ⁵⁾	medium high	low high	
Resistance to temperature	-20 up to 80 °C		
Antistatic	no		
Breaking resistance per mm width endless ¹⁾	auf Anfrage/on request N		
Elongation at 1 mm width endless ¹⁾	1 N 2 N 3 N	1.8 up to 2.2 % 3.6 up to 4.4 % 5.9 up to 6.9 %	
Strength required for 1% elongation at 1 mm width endless ¹⁾	0.3 ± 0.1 N		
Minimum pulley diameter ¹⁾	15 mm		
Available sizes standard ²⁾	length ³⁾ width thickness Standard thickness	150 up to 2000 mm 3 up to 400 mm 0.6 up to 3.0 mm 0.6 mm	
Tolerances	length width thickness	± 1,0 % (min ± 2,5 mm) ± 0.5 mm ± 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.

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