

Product - Data - Sheet

ESBAND Type	SI 1		data-sheet no. 30100
	1st side	2nd side	
Carcass	polyester		
Coating	silicone ground	textile raw	
Hardness ⁶⁾	30 ± 5 Shore A	-/-	
Resistance to abrasion	very low	-/-	
Food approved	21 CFR 177.2660	-/-	
Coefficient of friction to steel ⁵⁾ paper ⁵⁾	high high	low low	
Resistance to temperature	-20 up to 150 °C		
Antistatic	possible		
Breaking resistance per mm width endless ¹⁾	145 N		
Elongation at 1 mm width endless ¹⁾	10 N 30 N 60 N	0.3 up to 0.5 % 2.0 up to 2.2 % 6.6 up to 7.0 %	
Strength required for 1% elongation at 1 mm width endless ¹⁾	19 ± 2 N		
Minimum pulley diameter ¹⁾	12 mm		
Available sizes standard ²⁾	length ³⁾ width thickness Standard thickness	200 up to 4800 mm 3 up to 800 mm 1.0 up to 5.5 mm 1 mm	
Tolerances	length width thickness	± 0,5 % (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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