

Product - Data-Sheet

ESBAND Type		FX 9212		data-sheet no. 81203
		1st side	2nd side	
Carcass		polyester		
Coating		TPU smooth	TPU ground	
Hardness ⁶⁾		92 ± 5 Shore A	92 ± 5 Shore A	
Resistance to abrasion		high	high	
Food approved		FDA	FDA	
Coefficient of friction to	steel ⁵⁾ paper ⁵⁾	medium medium	medium high	
Resistance to temperature		-10 up to 80 °C		
Antistatic		no		
Breaking resistance per mm width endless ¹⁾		400 N		
Elongation at 1 mm width endless ¹⁾	10 N 30 N 60 N	0.4 up to 0.6 % 1.0 up to 1.5 % 1.9 up to 2.7 %		
Strength required for 1% elongation at 1 mm width endless ¹⁾		25 ± 5 N		
Minimum pulley diameter ¹⁾		35 mm		
Available sizes standard ²⁾	length ³⁾ width thickness Standard thickness	480 up to 1000 mm 5 up to 100 mm 1.3 up to 2.7 mm 1.5 mm		
Tolerances	length width thickness	± 0,5 % (min ± 2,5 mm) ± 0.5 mm ± 0.15 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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