

Product - Data-Sheet

ESBAND Type		FX 12		data-sheet no. 81202
		1st side	2nd side	
Carcass		polyester		
Coating		TPU ground	TPU ground	
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⁾	low very high	low very high	
Resistance to temperature		-20 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	0.2 up to 0.4 % 0.7 up to 1.1 % 1.5 up to 2.3 %		
Strength required for 1% elongation at 1 mm width endless ¹⁾		32 ± 4 N		
Minimum pulley diameter ¹⁾		20 mm		
Available sizes standard ²⁾	length ³⁾ width thickness Standard thickness	480 up to 4000 mm 5 up to 900 mm 1.5 up to 3.0 mm 1.6 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.

Edition:
20.07.2021