

# Product - Data-Sheet

ESBAND Type	NE 21		data-sheet no.  22102
	1st side	2nd side	
Carcass	polyester		
Coating	neoprene rubber ground	neoprene rubber ground	
Hardness <sup>6)</sup>	62 ± 5 Shore A	62 ± 5 Shore A	
Resistance to abrasion	high	high	
Food approved	no	no	
Coefficient of friction to steel <sup>5)</sup>	high	high	
Resistance to temperature	-20 up to 100 °C		
Antistatic	yes		
Breaking resistance per mm width endless <sup>1)</sup>	170 N		
Elongation at 1 mm width endless <sup>1)</sup>	10 N 30 N 60 N	0,3 up to 0,4 % 1,0 up to 1,2 % 4,0 up to 4,5 %	
Strength required for 1% elongation at 1 mm width endless <sup>1)</sup>	27 ± 1,5 N		
Minimum pulley diameter <sup>1)</sup>	15 mm		
Available sizes standard <sup>2)</sup>	length <sup>3)</sup> width thickness Standard thickness	550 up to 3300 mm 180 up to 5100 mm 3 up to 420 mm 0,9 up to 2,2 mm	
Tolerances	length width thickness	± 0,5 % (min ± 2,5 mm) ± 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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