



Schlatterer  
**Esband**

# Product - Data - Sheet

<b>ESBAND Type</b>	<b>HT Elastic 40 black</b>		data-sheet no.  40001_5
	<b>1st side</b>	<b>2nd side</b>	
Carcass	without		
Coating	Hytrel® smooth	Hytrel® ground	
Hardness <sup>6)</sup>	40 ± 5 Shore D	40 ± 5 Shore D	
Resistance to abrasion	high	high	
Food approved	no	no	
Coefficient of friction to steel <sup>5)</sup> paper <sup>5)</sup>	medium medium	medium medium	
Resistance to temperature	-40 up to 100 °C		
Antistatic	yes		
Breaking resistance per mm width endless <sup>1)</sup>	-/- N		
Elongation at 1 mm width endless <sup>1)</sup>	1 N 2 N 3 N	1.5 up to 1.9 % 3.0 up to 3.6 % 4.6 up to 5.4 %	
Strength required for 1% elongation at 1 mm width endless <sup>1)</sup>	0.6 ± 0.2 N		
Minimum pulley diameter <sup>1)</sup>	10 mm		
Available sizes standard <sup>2)</sup>	length <sup>3)</sup> width thickness Standard thickness	130 up to 2000 mm 3 up to 400 mm 0.6 up to 2.0 mm 0.7 mm	
Tolerances	length width thickness	± 1,0 % (min ± 2,5 mm) ± 0.5 mm ± 0.1 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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