



Schlatterer  
**Esband**

# Product - Data-Sheet

<b>ESBAND Type</b>	<b>HT 4017 + PU</b>		data-sheet no.
	<b>1st side</b>	<b>2nd side</b>	41172
Carcass	aramide		
Coating	Hytrel® ground	polyurethane ground	
Hardness <sup>6)</sup>	40 ± 5 Shore D	55 ± 7 Shore A	
Resistance to abrasion	high	high	
Food approved	no	no	
Coefficient of friction to steel <sup>5)</sup> paper <sup>5)</sup>	medium medium	medium very high	
Resistance to temperature	-10 up to 60 °C		
Antistatic	possible		
Breaking resistance per mm width endless <sup>1)</sup>	270 N		
Elongation at 1 mm width endless <sup>1)</sup>	30 N	0.2 up to 0.4 %	
	60 N	0.5 up to 0.7 %	
	100 N	0.9 up to 1.2 %	
Strength required for 1% elongation at 1 mm width endless <sup>1)</sup>	100 ± 5 N		
Minimum pulley diameter <sup>1)</sup>	25 mm		
Available sizes standard <sup>2)</sup>	length <sup>3)</sup>	540 up to 4000 mm	
	width	5 up to 600 mm	
	thickness	1.5 up to 6.0 mm	
	Standard thickness	1.5 mm	
Tolerances	length	± 1,0 % (min ± 2,5 mm)	
	width	± 0,5 mm	
	thickness	± 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.

Edition:  
20.07.2021