

Esband PU Elastic + SI Specifications

	Side 1	Side 2
Carcass	Polyester/Cotton Special Carcass	
Coating	Polyurethane ground	Silicone ground
Hardness	55 ± 7 Shore A	30 ± 5 Shore A
Abrasion resistance	High	Very low
Food contact approval	No	FDA
Coefficient of Friction	Steel: 0.4 ± 0.1 μ Paper: 0.8 ± 0.1 μ	Steel: 0.4 ± 0.1 μ Paper: 0.6 ± 0.1 μ
Temperature range	-10 up to + 60 °C	
Anti-static	Possible	
Break strength per cm of width - shaft load*	300 N	
Elongation per cm of width - shaft load*	10 N: 1.8 up to 3.1 % 20 N: 5.2 up to 8.2 % 30 N: 9.5 up to 13.0 %	
Elasticity - shaft load force per cm of width at 1% elongation*	9 ± 3 N	
Minimum pulley diameter*	30mm	
Available standard sizes	Length: 200 up to 3500 mm Width: 5.0 up to 500 mm Thickness: 2.4 up to 10.0 mm	
Tolerances	Length: ± 2.0 % (min. +/- 2.5 mm) Width: ± 1.0 mm Thickness: ± 0.1 mm	

* at minimum belt thickness