

Esband FX 12 both sides coated Specifications

	Side 1	Side 2
Carcass	Polyester special carcass	
Coating	FDA polyurethane, white ground	FDA polyurethane, white smooth
Hardness	80 ± 5 Shore A	80 ± 5 Shore A
Abrasion resistance	High	High
Food contact approval	Yes, FDA	Yes, FDA
Coefficient of Friction	Steel: 0.4 ± 0.1 μ Paper: 0.7 ± 0.1 μ	Steel: 0.5 ± 0.1 μ Paper: 0.4 ± 0.1 μ
Temperature range	-10° up to + 80° C	
Anti-static	Possible	
Break strength per cm of width - shaft load*	4000 N	
Elongation per cm of width - shaft load*	100 N: 0.2 up to 0.4% 300 N: 0.7 up to 1.1% 600 N: 1.5 up to 2.3%	
Elasticity - shaft load force per cm of width at 1% elongation*	320 ± 40 N	
Minimum pulley diameter*	35mm	
Available standard sizes	Length: 480 up to 4000mm Width: 5.0 up to 900mm Thickness: 1.6 up to 3.0mm	
Tolerances	Length: ± 0.5% (min. +/- 2.5mm) Width: ± 0.5mm Thickness: ± 0.1mm	

* at minimum belt thickness