

BRECOflex CO., L.L.C.

High Precision Drive Components

FX Elastic Outside T-Profile

	Side 1	Side 2
Carcass	Polyurethane special carcass	
Coating	FDA polyurethane, white ground	FDA polyurethane, white T-profile
Hardness	80 $\pm$ 5 Shore A	80 $\pm$ 5 Shore A
Abrasion resistance	High	High
Food contact approval	Yes, FDA	Yes, FDA
Coefficient of Friction	Steel: 0.4 $\pm$ 0.1 μ Paper: 0.7 $\pm$ 0.1 μ	Steel: 0.3 $\pm$ 0.1 μ Paper: 0.6 $\pm$ 0.1 μ
Temperature range	-10 ° up to + 80 ° C	
Anti-static	No	
Break strength per cm of width - shaft load*	On request	
Elongation per cm of width - shaft load*	10 N: 1.8 up to 2.2% 20 N: 3.6 up to 4.4% 30 N: 5.9 up to 6.9%	
Elasticity - shaft load force per cm of width at 1% elongation*	3 $\pm$ 2 N	
Minimum pulley diameter*	15mm	
Available standard sizes	Length: 150 up to 2000mm Width: 3.0 up to 400mm Thickness: 0.6 up to 3.0mm	
Tolerances	Length: $\pm$ 1.0% (min. +/- 2.5mm) Width: $\pm$ 0.5mm Thickness: $\pm$ 0.1mm	

* at minimum belt thickness