BRECOflex CO., L.L.C.

High Precision Drive Components

PU 11 Sponge Specifications

	Side 1	Side 2
Carcass	Polyester Special Carcass	
Coating	Polyurethane ground	Textile
Hardness	55 ± 7 Shore A	-
Abrasion resistance	High	-
Food contact approval	No	No
Coefficient of Friction	Steel: 0.4 ± 0.1 μ Paper: 0.8 ± 0.1 μ	Steel: 0.3 ± 0.1 μ Paper: 0.4 ± 0.1 μ
Temperature range	-10 up to + 60 °C	
Anti-static	Yes	
Break strength per cm of width - shaft load*	1250 N	
Elongation per cm of width - shaft load*	100 N: 0.3 up to 0.5 % 300 N: 1.2 up to 1.7 % 600 N: 5.0 up to 5.5 %	
Elasticity - shaft load force per cm of width at 1% elongation*	230±30 N	
Minimum pulley diameter*	12mm	
Available standard sizes	Length: 200 up to 5000 mm Width: 3.0 up to 800 mm Thickness: 1.0 up to 10.0 mm	
Tolerances	Length: ± 0.5 % (min. +/- 2.5 mm) Width: ± 0.5 mm Thickness: ± 0.1 mm	

* at minimum belt thickness