

BRECOflex CO., L.L.C.

High Precision Drive Components

HT Elastic 40 + PU

	Side 1	Side 2
Carcass	Hytrel® special carcass	
Coating	Hytrel® ground	Polyurethane ground
Hardness	40 ± 5 Shore D	55 ± 7 Shore A
Abrasion resistance	High	High
Food contact approval	No	No
Coefficient of Friction	0.5 ± 0.1μ 0.5 ± 0.1μ	0.4 ± 0.1μ 0.8 ± 0.1μ
Temperature range	-10° up to + 60 ° C	
Anti-static	Possible	
Break strength per cm of width - shaft load*	On request	
Elongation per cm of width - shaft load*	10N: 1.0 up to 1.4% 20N: 2.2 up to 2.8% 30N: 8.1 up to 9.0%	
Elasticity - shaft load force per cm of width at 1% elongation*	8 ± 2N	
Minimum pulley diameter*	12mm	
Available standard sizes	Length: 130 up to 2000mm Width: 3.0 up to 400mm Thickness: 1.2 up to 2.0mm	
Tolerances	Length: ± 1.0% (min. +/- 2.5mm) Width: ± 0.5mm Thickness: ± 0.1mm	

* at minimum belt thickness