

BRECOflex CO., L.L.C.

High Precision Drive Components

Esband HT Elastic 40 white + SI Specifications

	Side 1	Side 2
Carcass	Without special carcass	
Coating	Hytrel® smooth	Silicone ground
Hardness	40 ± 5 Shore D	30 ± 7 Shore A
Abrasion resistance	High	Very low
Food contact approval	No	FDA
Coefficient of Friction	0.5 ± 0.1μ 0.5 ± 0.1μ	0.4 ± 0.1μ 0.6 ± 0.1μ
Temperature range	-20° up to + 100° C	
Anti-static	Possible	
Break strength per cm of width - shaft load*	-	
Elongation per cm of width - shaft load*	10N: 1.5 up to 1.9% 20N: 3.0 up to 3.6% 30N: 4.6 up to 5.4%	
Elasticity - shaft load force per cm of width at 1% elongation*	6 ± 2N	
Minimum pulley diameter*	15mm	
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