

biothaneusa.com

Part Number	B10TF100BL401-BSEM-A100B
Width	0.975 (0.940 - 1.010)
Thickness	0.050 (0.045 - 0.055)
Webbing	Polyester
Coating / Hardness	TPU / 90A
Coating Texture	Sand Emboss
Gloss	High Gloss
Min. Tensile Break Strength (lbf) ASTM D6775	1000
90° Flex Test at Room Temperature (lbf)	1.66
Kinetic CoF - 1/2" Sled, Belt on Belt ASTM D1894	-
Hexbar Abrasion - % Strength Retention ASTM D6770	-
Taber Abrasion - grams lost ASTM D4060	0.01
Accelerated Weathering ASTM G155	Fair
Vicat Softening Temp (°C) ASTM D1525	124
Glass Transition Temp (°C) ASTM E1356	-43.6
Clorox [®] Healthcare Bleach Immersion (3 days)	Poor
Opti-Cide3 [®] Immersion (3 days)	Fair
Diversey Oxivir [®] 1 Immersion (3 days)	Not Recommended
Diversey Virex [®] Tb Immersion (3 days)	Fair
Biocompatibility - Cytotoxicity ISO 10993	Pass (2)
Biocompatibility - Irritation ISO 10993	Pass (0)
Resistance to Fungi ASTM G21	4 (>90%)

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