



biothaneusa.com

Part Number	B05UT100BL401-BSEM-A100A
Width	0.975 (0.940 - 1.010)
Thickness	0.035 (0.030 - 0.040)
Webbing	Polyester
Coating / Hardness	TPU / 90A
Coating Texture	Sand Emboss
Gloss	High Gloss
Break Strength (lbf) ASTM D6775	500
90° Flex Test at Room Temperature (lbf)	0.7
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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