



biothaneusa.com

Part Number	B50YY200BL401-BSEM-F200A
Width	1.970 (1.940 - 2.000)
Thickness	0.060 (0.055 - 0.065)
Webbing	Vectran
Coating / Hardness	TPU / 90A
Coating Texture	Sand Emboss
Gloss	High Gloss
Break Strength (lbf) ASTM D6775	7800
90° Flex Test at Room Temperature (lbf)	7.1
90° Flex Test Cold Temperature (lbf)	7.16
Kinetic CoF - 1/2" Sled, Belt on Belt ASTM D1894	1.068
Hexbar Abrasion - % Strength Retention ASTM D6770	80.00%
Taber Abrasion - grams lost ASTM D4060	0.010
Accelerated Weathering ASTM G155	Fair
Vicat Softening Temp (°C) ASTM D1525	124.0
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 -5	(2) Mild
Biocompatibility - Irritation ISO 10993 -10	(0.0) Negligible
Resistance to Fungi ASTM G21	4 (>90%)

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