



biothaneusa.com

Part Number	B16TF100BL583-BERY-T100A
Width	0.965 (0.910 - 1.010)
Thickness	0.050 (0.045 - 0.055)
Webbing	Polyester (Berry)
Coating / Hardness	PVC / 82A
Coating Emboss	Sand Emboss
Gloss	High Gloss
Break Strength (lbf) ASTM D6775	1650
90° Flex Test at Room Temperature (lbf)	1.413
90° Flex Test Cold Temperature (lbf)	1.82
Kinetic CoF - 1/2" Sled, Belt on Belt ASTM D1894	0.493
Hexbar Abrasion - % Strength Retention ASTM D6770	Coming soon
Taber Abrasion - grams lost ASTM D4060	0.002
Accelerated Weathering ASTM G155	Excellent
Vicat Softening Temp (°C) ASTM D1525	49.2
Glass Transition Temp (°C) ASTM E1356	-17.6
Clorox® Healthcare Bleach Immersion (3 days)	Good
Opti-Cide3® Immersion (3 days)	Good
Diversey Oxivir® 1 Immersion (3 days)	Poor
Diversey Virex® Tb Immersion (3 days)	Good
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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