



UNIVERSAL BELTING RESOURCE

Industrial Lightweight Belting

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Product Data Sheet

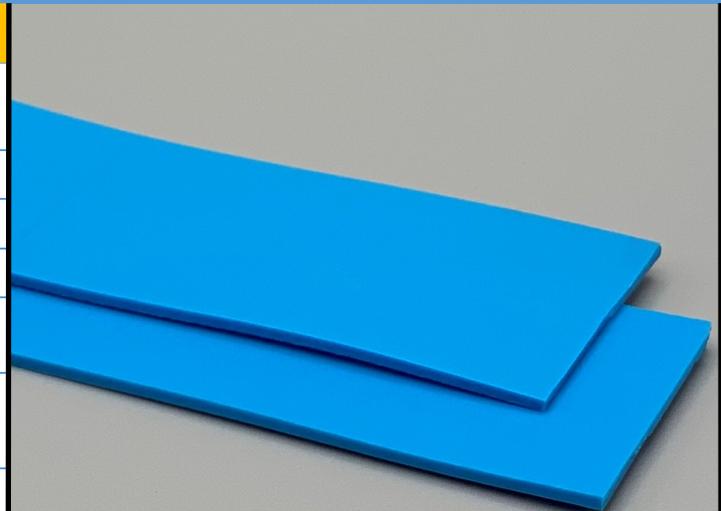
450051

FB1BLSS Matt Blue 90

PURclean

Material Construction

Composition	Material	TPU-Thermoplastic Polyurethane
	Color	Sky Blue
	Hardness (Shore "A")	90
	Tension Member	TPU Non-Reinforced
Surface Feature	Top	Matt
	Bottom	Matt
COF	Top	0.38
	Bottom	0.38



Technical Specifications

Overall Thickness	1.20 mm	0.047 in.
Weight	1.17 kg/m ²	0.24 lbf/ft ²
Maximum Width	1,219 mm	48 in.
Minimum Pulley/Nose Bar		
Diameter For Endless Butt Splice	10 mm	0.394 in.
Minimum Back Flex	10 mm	0.394 in.
Load For 1% Extension	0.4 N/mm	2.28 lbs/in.
Standard Tension	1.5-5%	
Operational Temperature Range	-20/60°C	-4/140°F

Features

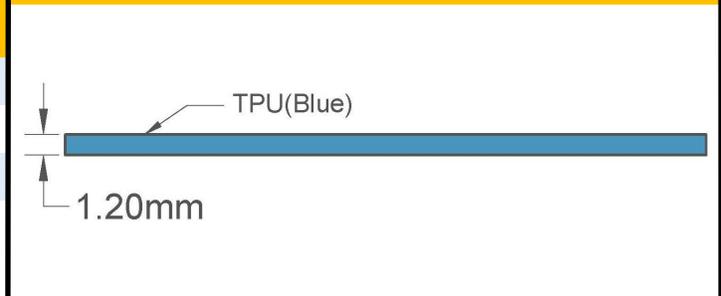
FDA	YES	Anti-Static	NO
USDA Meat and Poultry	YES	Reinforced	NO
USDA Dairy	YES	Elastic	YES

Standard Fabrications

Cleats	NO	Footless Sidewall	NO
Guide on Top	NO	Footed Sidewall	NO
Guide on Bottom	NO		

*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.

Material Build



90° Butt Splice Instructions

Water Cooled Press Settings						
Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bot.
	Top	Bottom				
30	170 C° 338 F°	170 C° 338 F°	90s	N/A	None	Matte/Matte

*These settings are a guideline only, every press is different. Test splicing is recommended.

Standard Splices

Butt Splice	Recommended
Soft Hinge Lace	Not Recommended
Alternative Lace Options	
Staple Lace	Not Recommended
Plastic Rivet Lace	Not Recommended

Notes

Elastic construction for easy installation, reduced maintenance and cost saving elimination of elaborate and complicated take up assemblies.

