



UNIVERSAL BELTING RESOURCE

Industrial Lightweight Belting

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Product Data Sheet

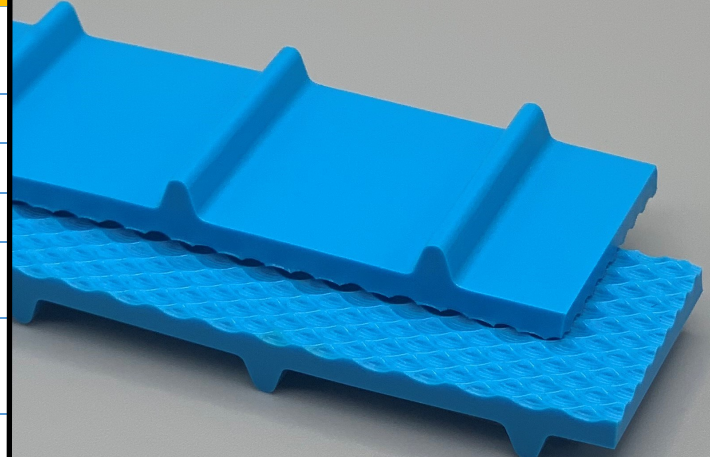
453400

PS2BLSP50 Blue

PURclean

Material Construction

Composition	Material	TPU-Thermoplastic Polyurethane
	Color	Sky Blue
	Hardness (Shore "A")	98
	Tension Member	TPU Non-Reinforced
Surface Feature	Top	P50 Round Oval Profile
	Bottom	Smooth w/ 1" pitch Tooth
COF	Top	N/A
	Bottom	0.38



Technical Specifications

Overall Thickness	2.80 mm	0.11 in.
Weight	5.17 kg/m ²	1.06 lbf/ft ²
Maximum Width	1,219 mm	48 in.
Minimum Pulley/Nose Bar Diameter For Endless Butt Splice	48 mm	1.89 in.
Minimum Back Flex	83 mm	3.268 in.
Load For 1% Extension	3.0 N/mm	17.13 lbs/in.
Standard Tension	0.3%	
Operational Temperature Range	-9/71°C	16/160°F

Features

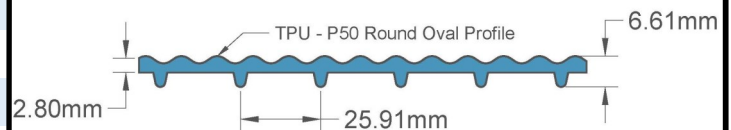
FDA	YES	Anti-Static	NO
USDA Meat and Poultry	YES	Reinforced	NO
USDA Dairy	YES	Elastic	NO

Standard Fabrications

Cleats	YES	Footless Sidewall	YES
Guide on Top	YES	Footed Sidewall	YES
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

Standard Amigo Press Settings

*Follow basic Amigo operating instructions

Pre-heat Temperature	Pre-heat Time	Weld Time
95°C	350-355 s	50-55 s

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

Standard Splices

Butt Splice	Recommended
Soft Hinge Lace	Recommended

Alternative Lace Options

Staple Lace	RS62
Plastic Rivet Lace	APF-150

Notes

Homogeneous urethane construction 1" tooth pitch positive drive bottom with round oval "P50" profiled top surface for excellent release properties.

