



UNIVERSAL BELTING RESOURCE

Industrial Lightweight Belting

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Product Data Sheet

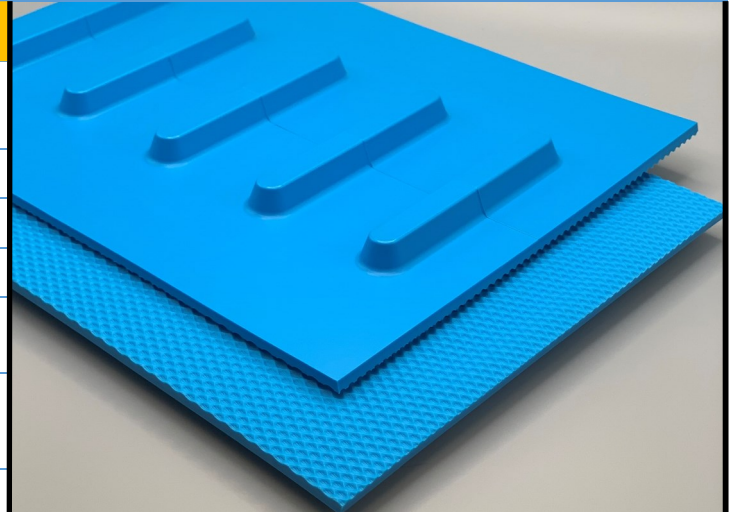
455394

CD3BLSP50 31-59 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/center lug 39.7 mm Ctrs.
COF	Top	0
	Bottom	0.52



Technical Specifications

Overall Thickness	3.40 mm	0.134 in.
Weight	4.54 kg/m ²	0.93 lbf/ft ²
Maximum Width *	1,499 mm	59.000 in.
Minimum Pulley/Nose Bar Diameter For Endless Butt Splice	80 mm	3.15 in.
Minimum Back Flex	98 mm	3.858 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

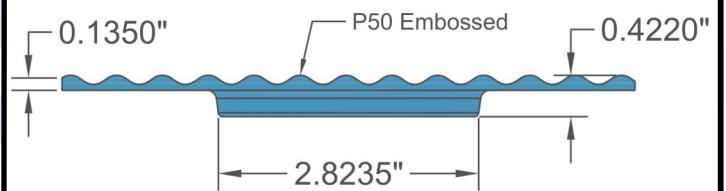
Standard Fabrications

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

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

*The Center Drive material is stocked in specific widths up to 60 in wide.

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	300 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	RS125
Plastic Rivet Lace	Not Recommended

Notes

3mm Center Drive x P50. With round oval profile top surface for excellent release and/or fantastic bite in a homogeneous urethane construction

