



# UNIVERSAL BELTING RESOURCE

## Industrial Lightweight Belting

1-800-928-9995

Customers@Ubelting.com

Product Data Sheet

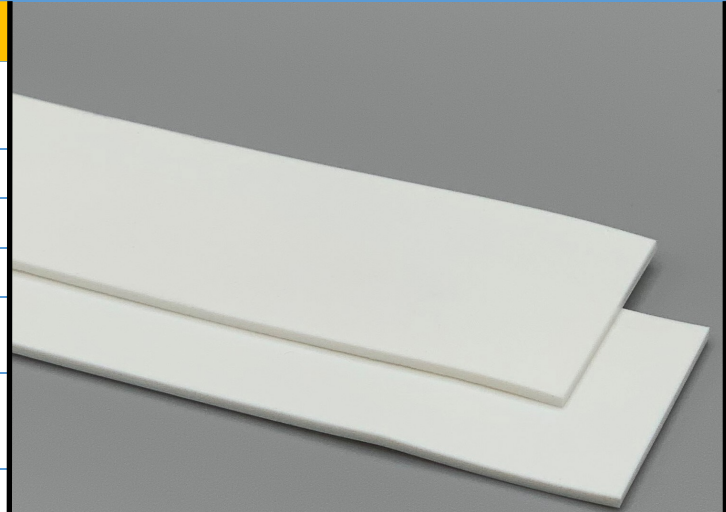
**450050**

**FB1WHSS Matt White 90**

**PURclean**

### Material Construction

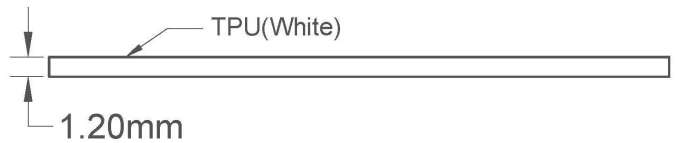
Composition	Material	TPU-Thermoplastic Polyurethane
	Color	White
	Hardness (Shore "A")	90
	Tension Member	TPU Non-Reinforced
Surface Feature	Top	Matt
	Bottom	Matt
COF	Top	0.38
	Bottom	0.38



### Technical Specifications

Overall Thickness	1.20 mm	0.047 in.
Weight	1.17 kg/m <sup>2</sup>	0.24 lbf/ft <sup>2</sup>
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

### 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.



### 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.