



# UNIVERSAL BELTING RESOURCE

## Industrial Lightweight Belting

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Customers@Ubelting.com

Product Data Sheet

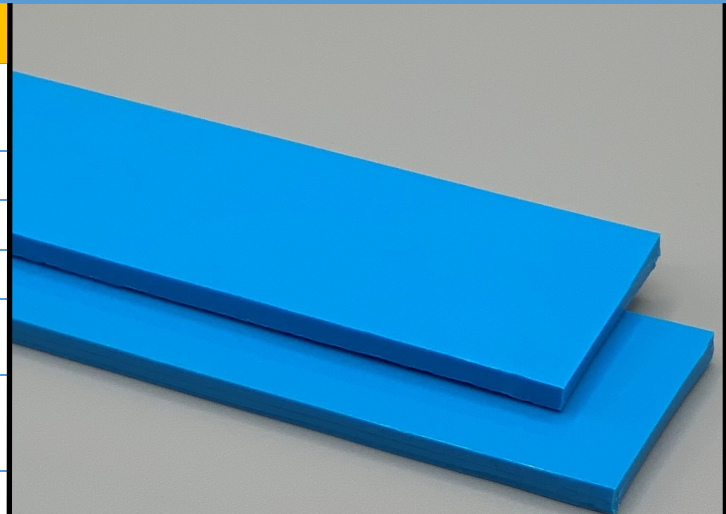
**450120**

**FB3BLSS Glossy Blue**

**PURclean**

### Material Construction

|                 |                      |                                   |
|-----------------|----------------------|-----------------------------------|
| Composition     | Material             | TPU-Thermoplastic<br>Polyurethane |
|                 | Color                | Sky Blue                          |
|                 | Hardness (Shore "A") | 98                                |
|                 | Tension Member       | TPU Non-Reinforced                |
| Surface Feature | Top                  | Glossy                            |
|                 | Bottom               | Glossy                            |
| COF             | Top                  | 0.52                              |
|                 | Bottom               | 0.52                              |



### Technical Specifications

|  |                        |                          |
|--|------------------------|--------------------------|
| Overall Thickness  | 3.00 mm                | 0.118 in.                |
| Weight   | 3.37 kg/m <sup>2</sup> | 0.69 lbf/ft <sup>2</sup> |
| Maximum Width  | 1,524 mm               | 60 in.                   |
| Minimum Pulley/Nose Bar Diameter For Endless Butt Splice | 40 mm                  | 1.575 in.                |
| Minimum Back Flex  | 40 mm                  | 1.575 in.                |
| Load For 1% Extension                                    | 3.0 N/mm               | 17.13 lbs/in.            |
| Standard Tension   | 0.75%                  |                          |
| Operational Temperature Range                            | -9/71°C                | 16/160°F                 |

### Features

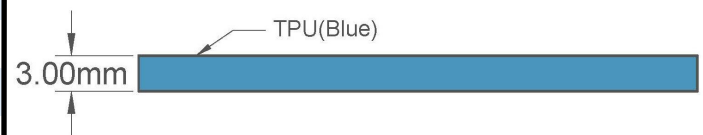
|                       |     |             |    |
|-----------------------|-----|-------------|----|
| FDA                   | YES | Anti-Static | NO |
| USDA Meat and Poultry | YES | Reinforced  | NO |
| USDA Dairy            | YES | Elastic     | NO |

### 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.

### 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        | RS62    |
| Plastic Rivet Lace | APF-150 |

### Notes

Homogeneous urethane construction

