



# UNIVERSAL BELTING RESOURCE

## Industrial Lightweight Belting

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Product Data Sheet

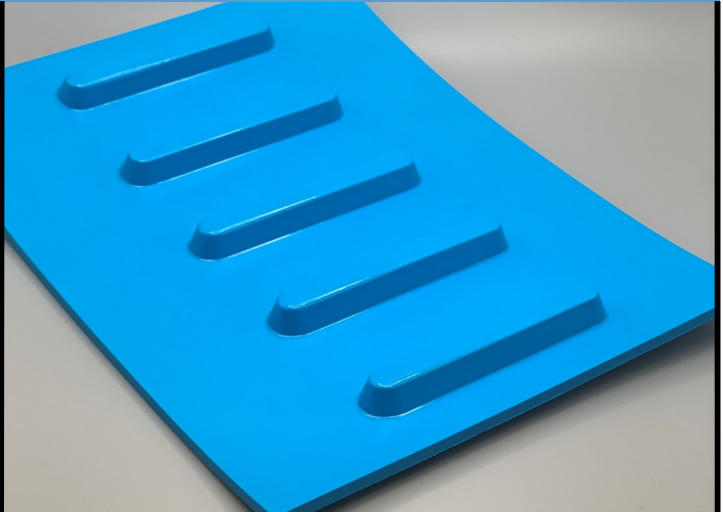
**455370**

**CD3BLSS 24 Blue**

**PURclean**

### Material Construction

|                 |                      |                                   |
|-----------------|----------------------|-----------------------------------|
| Composition     | Material             | TPU-Thermoplastic Polyurethane    |
|                 | Color                | Sky Blue                          |
|                 | Hardness (Shore "A") | 98                                |
|                 | Tension Member       | TPU Non-Reinforced                |
| Surface Feature | Top                  | Matt                              |
|                 | Bottom               | Smooth w/center lug 39.7 mm Ctrs. |
| COF             | Top                  | 0.52                              |
|                 | Bottom               | 0.52                              |



### Technical Specifications

|                                  |                        |                          |
|----------------------------------|------------------------|--------------------------|
| Overall Thickness                | 3.40 mm                | 0.134 in.                |
| Weight                           | 4.54 kg/m <sup>2</sup> | 0.93 lbf/ft <sup>2</sup> |
| Maximum Width *                  | 610 mm                 | 24.000 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 |

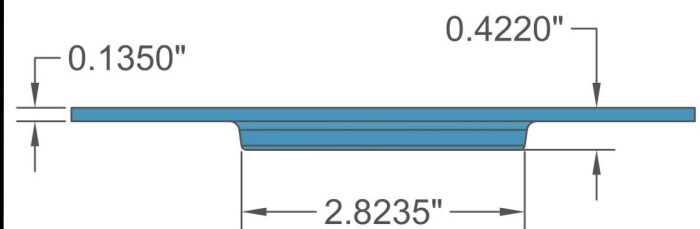
### Standard Fabrications

|                 |     |                   |     |
|-----------------|-----|-------------------|-----|
| 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

Homogeneous urethane construction with a single row of drive lugs down the center.

