



SOFT SEAL



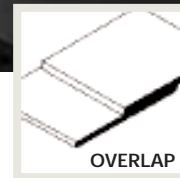
BUTT



CLIPPER



ALLIGATOR



OVERLAP

SPLICES

- **SOFT SEAL SPLICE**
Soft seal splices are flexible and can be reinforced with stitching for extra strength. Soft seal splices are used where metal is undesirable.
- **BUTT SPLICE**
Butt splices are heat sealed with compplier on the underside of the belt, creating a smooth top surface.
- **CLIPPER SPLICE**
Clipper is metal lacing. This strong and extremely flexible splice conforms well to smaller diameter pulleys.
- **ALLIGATOR SPLICE**
Alligator splices offer exceptionally strong metal lacing, recommended with five inch diameter, or larger, pulleys.
- OVERLAP SPLICES**

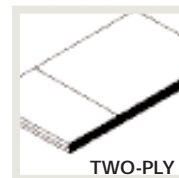
 - Overlap splices are the most popular type used in the industry and can be enhanced with molding for food processing applications. Overlap ranges from one to six inches, with directional belt angles of 22, 45, 60, and 90 degrees.

SPECIAL CONSTRUCTIONS

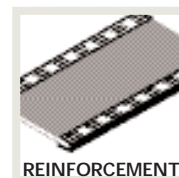
- **SPLICE FLAP**
A splice flap covers clipper or alligator splice metal lacing, providing a continuous release surface.
- **TWO-PLY LAMINATION**
Two-ply lamination provides uniform belt thickness, allowing consistent heat transfer. Splices are staggered for improved strength. This construction is available on selected fabrics and widths.
- **EDGE REINFORCEMENT**
Edge reinforcement is available with 2" PTFE glass fabric folded over and sewn with two rows of stitching. Heat sealed PTFE film edges and 1" wide fabric edges heat sealed on the top surface are also available. Edge reinforcement prevents unraveling of porous belts and provides strong support for pin guides and grommets.



SPLICE FLAP



TWO-PLY



REINFORCEMENT

PTFE FABRIC BELTS

■ OVERVIEW

The anti-static grade 385 provides an anti-static surface with electrically conductive characteristics.

■ APPLICATIONS

- Packaging
- Food processing
- Fusing and laminating plastic films
- Curing and drying screen printing inks

Actual wear will vary according to individual applications. Please call your Curbell Plastics sales representative for more information.

SPECIALTY FABRIC GRADE BELTS

■ OVERVIEW

Specialty fabric grades include custom-designed materials using fabrics with various fluoropolymer coatings and films. These include laminates, Kevlar®, and silicones.

■ APPLICATIONS

- High performance microwave antenna covers
- Aerospace applications

MINIMUM PULLEY DIAMETER GUIDELINES FOR PTFE* COATED FABRIC BELTS

| ■ BELT THICKNESS | BELT WIDTH | | | |
|------------------|------------|--------|--------|----------|
| | Under 11" | 12-29" | 30-59" | Over 60" |
| 0.005-0.010 | 3" | 6" | 8" | 10" |
| 0.011-0.020 | 6" | 6" | 8" | 10" |
| 0.021-0.025 | 8" | 8" | 8" | 10" |
| 0.026-0.030 | 10" | 10" | 10" | 10" |

* Silicone coated belts generally use 3" or larger diameter pulleys for all belt thicknesses and widths