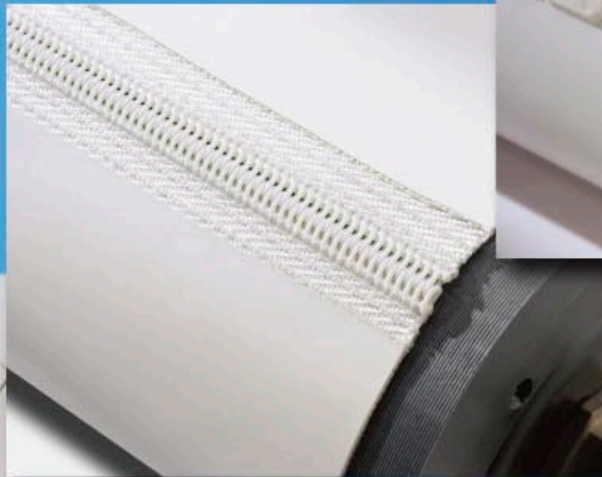




Beltservice
CORPORATION

NON-METALLIC LACING



THERMOPLASTIC SOFT SPLICE • SPIRAL LACING • PLASTIC RIVET

APPLICATIONS:

FOOD PROCESSING PLANTS

SECURITY X-RAY SCANNING

PHARMACEUTICAL PROCESSING FACILITIES

PACKAGE HANDLING / DISTRIBUTION CENTERS

CONVEYOR SYSTEMS WITH BELT SCRAPERS INSTALLED

...FOR A CONCEALED FLUSH LACE JOINT



THERMOPLASTIC SOFT SPLICE

Features & Benefits

- Uniform thickness across joint
- Concealed pins prevent joint breakage
- Metal-free splice - stainless steel pins available on request
- Reduced installation time
- Available in green, black, & white

Beltservice is proud to introduce a thermoplastic soft splice - a vulcanized, concealed pin lace that is stabilized by square-cut, interlocking fingers. Two flexible plastic (acetal) connecting pins secure the joint, eliminating a hinge point on the belt. The soft splice is applied to thermoplastic, multi-ply PVC and PU belts in widths from two inches to three meters and thickness up to 7/32". **The splice can be installed on smooth and profile covers.**

The uniform thickness across the splices is a real problem solver where scrapers and belt cleaners are present. Also, where endless belts are usually required, the replacement time of a soft splice belt is approximately one third of the time required to remove and replace an endless belt.

A Note About Fastener Size: Beltservice will match the plied thermoplastic belt you select with the fastener size that best fits the belt's gauge, color and compound properties. Reference your belt's thickness in the chart below to see how the fastener will affect its performance.

Pins Available For All
Three Products As Well

**See Selection Charts
For Size Options*

Thermoplastic Soft Splice Selection Chart

Belt OAG	Fastener Min. Pulley Diameter	Tensile PIW	Fastener Pin Size
.055 - .067	1"	170 lbs	.035 x .185 (15 - 20)
.068 - .106	2"	170 lbs	.035 x .185 (15 - 20)
.107 - .126	2 1/2"	260 lbs	.055 x .188 (25 - 30)
.127 - .165	4"	260 lbs	.055 x .185 (25 - 30)
.166 - .218	5"	260 lbs	.055 x .185 (25 - 30)



...FOR YOUR SMALL PULLEY DIAMETERS

PLASTIC SPIRAL LACING

Plastic spiral lacing evolved from mechanical fasteners used to join ends of conveyor belting. This highly specialized lacing is engineered to run on reduced pulley diameters, is resistant to corrosive environments, and is ideal for applications such as metal detectors and magnetic conveyors. Improvements in plastic spiral lacing have made installation even easier for your belt technician.

Beltservice distributes ALLIGATOR ASL60, ASL80H, and ASL90 plastic spiral lace. Each of these products is designed to provide maximum performance in field use as well as in the belt shop. Customers with the need for low profile hinged joints capable of operating on small pulley diameters can now do so with plastic spiral lace. **Recommended for thermoplastic multi-ply belts up to 1/4" thick.**

Beltservice can install plastic spiral lace or provide lace separately for installation at your belt shop. Plastic spiral lacing offers unique features that result in lower cost and higher performance.

Features & Benefits

- Metal-free splice
- Single-ply construction
- Chemical and corrosive resistant
- FDA accepted material
- Low friction plastic loops
- Non-abrasive
- Reduced profile, smaller pulleys, 1/2" nose bar capability with ASL60
- Wide range of operation environments
- Food and pharmaceutical applications
- Abrasion resistance and reduced product damage
- Maximum strength and load bearing capacity, enhanced lateral stability

Plastic Spiral Fastener Selection Chart

Size	For Belts with Tension PIW Rating Up To:	Belt Thickness Range		Recommended Min. Pulley Diameter	Approx. Hinge Pin Diameter
60	Call Beltservice For More Information	1/32"	1/8"	1/2"	.035"
90		1/8"	3/16"	5/8"	.047"
80H		1/32"	Up to 1/4"	5/8"	.047"

...FOR EASY INSTALLATION ON LIGHT DUTY
RUBBER OR THERMOPLASTIC BELTS



PLASTIC RIVET LACING



For applications where metal belt fasteners can't be used, the plastic rivet lace is a long-lasting, easy-to-install solution for light-duty applications. Our sturdy non-metallic fastener is also a low-cost alternative to the time and expense associated with vulcanization.

Recommended for light duty rubber and thermoplastic belts up to 1/8" thick.

Plastic rivet lacing is available in black or white. UV-resistance black delivers extended life in outdoor applications. FDA accepted white plastic is suitable for food and pharmaceutical processing applications. Both materials can be used in applications from -20° to 180°F (-29° to 82°C)

Features & Benefits

- For applications where metal belt fasteners can't be used
- A low-cost alternative to the time and expense associated with vulcanization
- Fast belt replacement means reduced downtime and increased productivity
- Smooth surface is easy to clean
- Fastener plate leading edges are beveled to ensure a smooth, low-profile splice
- One-piece fastener features an integrated design with rivets molded into the fastener top plate
- Minimum pulley diameters as small as 1-1/2"

Plastic Rivet Fastener Selection Chart

Size	For Belts with Tension PIW Rating Up To:	Belt Thickness Range		Recommended Min. Pulley Diameter	Approx. Hinge Pin Diameter
100	40lbs		Up to 3/32"	1-1/2"	.096"
150	65lbs	1/16"	1/8"	3"	.136"

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