

Alligator® Spiral Lace Fastener System



Low-Profile, Non-Metallic Splice for Industrial Baking Applications

For applications where a mechanical belt fastener is desired for ease of belt installation or quicker belt cleaning, but for one reason or another a metallic fastener cannot be used, consider Alligator® Spiral Lace. Alligator Spiral Lace is a low-profile splice that is fabricated into the belt through a variety of splicing techniques. Depending on the installation method it can operate over pulley diameters as small as 10 mm (13/32"). It is available in white or blue polyester for applications demanding FDA-compliant materials, black polyester for general applications, or PEEK for high temperature applications.



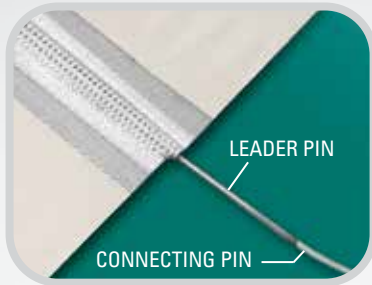
Spiral Lace Applications

Alligator Spiral Lace is a non-metallic splice that is ideal for applications with metal detectors, food or pharmaceutical processing, x-ray equipment, or for applications with delicate product that is easily scratched that require non-marking/non-scratching splices.

Advantages of a Hinged Splice

Alligator® Spiral Lace, like other Flexco mechanical splices, is constructed of two fastened belt ends that are joined by a hinge pin. This hinged splice makes installation on the conveyor structure simple as the belt can be fed into proper location, the belt ends meshed together, and the connecting pin inserted. For belts requiring frequent removal, such as regular sanitation for food applications, the hinged splice can save hours of downtime with each cleaning.

Leader Pins Simplify Pin Insertion



Connecting pin installation can be difficult, given both the small diameter of the pin and the flexibility of the material. To ease and speed this process we offer Leader Pins, which attach a smaller diameter, rigid lead pin to the larger diameter, flexible connecting pin. The lead pin is easily fed through the splice, allowing the actual connecting pin to be pulled through. The use of Leader Pins often reduces pin insertion time by more than 75%.

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Alligator® Spiral Lace Selection Chart

Fastener Size	Belt Thickness		Minimum Pulley/ Nose Bar		Maximum Operating Tension		Max. Operating Temperature		Approximate Pin Diameter	
	mm	in.	mm	in.	kN/m	P.I.W.	°C	°F	mm	in.
ASL50	1.6 - 3.2	1/16 - 1/8	10 - 15	25/64 - 19/32	8.7	50	160	320	.8	.031
ASL60/ASL160	2.4 - 3.6	3/32 - 9/64	30	1 - 3/16	8.7	50	160	320	.9	.035
ASL90/ASL190	3.2 - 4.6	1/8 - 3/16	50	1 - 31/32	8.7	50	160	320	1.2	.047

Ordering Information - Alligator® Spiral Lace

Length		Ordering Number	Item Code	Length		Ordering Number	Item Code
Feet	Meters			Feet	Meters		
White - Single Web				Black - Single Web			
10	3	ASL50/3	19460	10	3	ASLB50/3	04261
				33	10	ASLB50/10	04262
				100	30	ASLB50/30	04281
10	3	ASL60/3	19461	10	3	ASLB60/3	19486
33	10	ASL60/10	19462				
100	30	ASL60/30	19463	100	30	ASLB60/30	05463
10	3	ASL90/3	19466	10	3	ASLB90/3	19485
33	10	ASL90/10	19467				
100	30	ASL90/30	19468	100	30	ASLB90/30	19491
10	3	ASL160/3	19483				
10	3	ASL190/3	19484				
33	10	ASL190/10	03892				
White - Double Web				Black - Double Web			
10	3	ASL60D/3	19476				
33	10	ASL60D/10	19477				
100	30	ASL60D/30	19478				
10	3	ASL90D/3	19479				
33	10	ASL90D/10	19480				
100	30	ASL90D/30	19481	100	30	ASLB90D/30	19494
Blue - Single Web							
10	3	ASLBLUE50/3	04416				
10	3	ASLBLUE60/3	04417				
10	3	ASLBLUE90/3	04418				

Leader Pins (Note: Custom Lengths Available)

05200	POLY035X15FT-W/3FT	(15-foot pin with 3-foot leader)
05201	POLY047X15FT-W/3FT	(15-foot pin with 3-foot leader)

Replacement Hinge Pins - Coils

Feet	Meters	Ordering Number	Item Code
100	30	ASLHP60	19473
100	30	ASLHP90	19474
100	30	ASLHP80	19475

Authorised Distributor: