



ALLIGATOR® SPIRAL LACE Fastener System

Low-Profile, Non-Metallic Splice

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 vulcanizing techniques. Depending on the installation method it can operate over pulley diameters as small as ½" (12.5mm). It is available in white polyester for applications demanding FDA approved materials, black polyester for general applications, or PEEK for high temperature applications.



Unique Advantages

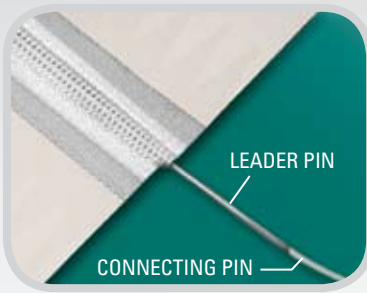
Alligator Spiral Lace is a non-metallic splice that is ideal for applications with metal detectors, food or pharmaceutical processing, x-ray equipment, or for applications with delicate product that is easily scratched that require non-marking/non-scratching splices.



Hinged Splice Offers Quicker Uptime

Installing a belt with a vulcanized splice is a time-consuming process – the amount of downtime depends upon the extent to which the conveyor needs to be dismantled. Flexco, the world leader in mechanical belt fastening systems, knows the importance of short downtime and therefore offers a wide variety of hinged mechanical belt splices, including Alligator® Spiral Lace. Not only is the initial installation quicker, but if belts need to be sanitized then all that is required is to remove the hinge pin and separate the belt.

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%.

ALLIGATOR[®] SPIRAL LACE Fastener System

Alligator[®] Spiral Lace Selection Chart

Fastener Size	Approx. Belt Thickness Range		Minimum Pulley/ Nose Bar		Approx. Operating Tension		Max. Operating Temperature		Approximate Pin Diameter	
	in.	mm	in.	mm	P.I.W.	kN/M	°F	°C	in.	mm
ASL60/ASL160	1/32 - 1/8	.8 - 3.2	1/2	12.7	50	8.7	300	150	.035	.9
ASL90/ASL190	1/8 - 3/16	3.2 - 4.6	5/8	15.3	50	8.7	300	150	.047	1.2
ASL80H	Up to 1/4	Up to 6.4	5/8	15.3	50	8.7	392	200	.047	1.2

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	ASL60/3	19461	10	3	ASLB60/3	19486
33	10	ASL60/10	19462				
82	25	ASL60/25	05246	82	25	ASLB60/25	05258
10	3	ASL90/3	19466	10	3	ASLB90/3	19485
33	10	ASL90/10	19467				
82	25	ASL90/25	05247	82	25	ASLB90/25	05244
10	3	ASL160/3	19483				
10	3	ASL190/3	19484				
White - Double Web				Black - Double Web			
10	3	ASL60D/3	19476				
33	10	ASL60D/10	19477				
82	25	ASL60D/25	05245				
10	3	ASL90D/3	19479	10	3	ASLB90D/3	19489
33	10	ASL90D/10	19480	33	10	ASLB90D/10	19480
82	25	ASL90D/25	05248	100	30	ASLB90D/30	19494
10	3	ASL100D/3	19488				
Tan - Double Web - High Heat							
10	3	ASL80H/3	19470				

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

Ordering Number	Item Code
ASLHP60	19473
ASLHP90	19474
ASLHP80	19475



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