

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 splicing techniques. Depending on the installation method it can operate over pulley diameters as small as 13/32" (10 mm). 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.

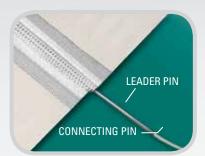


Advantages of a Hinged Splice

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	Inickness		Minimum Pulley/ Nose Bar		Maximum Operating Tension		Max. Operating Temperature		Approximate Pin Diameter	
3126	in.	mm	in.	mm	P.I.W.	kN/M	°F	°C	in.	mm
ASL50	1/16	1.6	13/32	10	50	8.7	320	160	.31	.8
ASL60/ASL160	1/2	2.4	1/2	13	50	8.7	320	160	.035	.9
ASL90/ASL190	19/32	3.2	5/8	15	50	8.7	320	160	.047	1.2
ASL80H	1/4	6.4	5/8	15	50	8.7	320	160	.047	1.2

Ordering Information - Alligator® Spiral Lace								
Length		Ordering	Item	Lei	ngth	Ordering Item		
Feet	Meters	Number	Code	Feet	Meters	Number	Code	
	White - S	ingle Web	Black - Single Web					
10	3	ASL50/3	19460					
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					
	White - D	ouble Web		Black - Double Web				
10	3	ASL60D/3	19476					
33	10	ASL60D/10	19477					
100	30	ASL60D/30	19478					
10	3	ASL90D/3	19479	10	3	ASLB90D/3	19489	
33	10	ASL90D/10	19480	33	10	ASLB90D/10	19480	
100	30	ASL90D/30	19481	100	30	ASLB90D/30	19494	
10	3	ASL100D/3	19488					
Ta	Tan - Double Web - High Heat				Blue – Single Web			
10	3	ASL80H/3	19470	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			



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