ALLIGATOR® PLASTIC RIVET Fastener System

Mechanically Applied Non-Metallic Fastener is a Time and Money-Saving Alternative to Vulcanization



The Alligator® Plastic Rivet fastener system offers the unique ability of being mechanically applied with a portable installation tool, in addition to other non-metallic features such as: non-scratching, non-magnetic, and a quiet splice as it operates over conveyor components. The hinged splice allows for users to remove the hinge pin for easy belt cleaning or installation onto the conveyor system with minimal dismantling.The features of the Alligator Plastic Rivet system make it a low-cost alternative to the time and expense associated with vulcanization.



Key features of the Alligator Plastic Rivet fastener include rivets molded into the top plate for a smooth and flat cleaning surface, beveled front edge of fastener for easy transition over conveyor components, and countersunk installed rivets.

With three color choices available, select the fastener that best fits your needs for applications from -20 °F to 180 °F (-29 °C to 82 °C).

Black: UV-resistant for extended life in outdoor applications.

White: FDA-accepted material resists weak acids, alkali, hydrocarbons, ester solvents, and alcohols.

Blue: FDA-accepted material with the same resistance as the white offering but colored blue to match blue belts used in many food applications.

Alligator® Plastic Rivet Fastener Selection Chart

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Min. Pulley Diameter		Approx. Hinge Pin Diameter	
	P.I.W.	kN/m	in.	mm	in.	mm	in.	mm
APF100	40	7	Up thru 3/32	Up thru 2.4	1-1/2	38	.096	2.5
APF150	65	11	1/16-1/8	1.6-3.2	3	75	.136	3.5

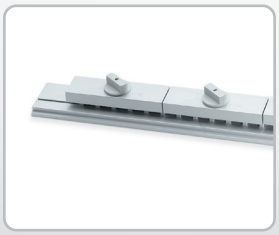
Installation Tools



Alligator® Spin-Set Installation Tool
Portable tool simplifies plastic rivet installation anywhere within your facility.Weighs only 30 lbs (14 kg), aligns fasteners automatically and holds them firmly in place while rivet heads are spin set into countersunk pockets.



Belt Punch & Curling Bit



Comb Assembly
Accommodates APF100 and APF150.Gauge pin included.

Templets
Ensures precise hole locations as well as correct fastener reachback and alignment.

Plastic Rivet Lube
Specially formulated to enhance free rivet rotation and reduce component wear.

ALLIGATOR®
PLASTIC RIVET Fastener System

Fasteners

	Belt Width		Description	Ordering Number	Item Code
	in.	mm			
100	24	600	White	APF100W-50	80013
	48	1200	White	APF100W-100	80014
	24	600	Black	APF100B-50	80017
	48	1200	Black	APF100B-100	80018
	24	600	Blue	APF100BLUE-50	80023
	48	1200	Blue	APF100BLUE-100	80024
150	24	600	White	APF150W-50	80011
	48	1200	White	APF150W-100	80012
	24	600	Black	APF150B-50	80015
	48	1200	Black	APF150B-100	80016
	24	600	Blue	APF150BLUE-50	80026
	48	1200	Blue	APF150BLUE-100	80027

Includes Fasteners & Hinge Pin to make one splice

Bulk Fasteners

Description	Ordering Number	Item Code
White	APF100W-500	80019
Black	APF100B-500	80021
Blue	APF100BLUE-500	80025
White	APF150W-500	80020
Black	APF150B-500	80022
Blue	APF150BLUE-500	80028

Recloseable plastic pail contains 500 fasteners and no Hinge Pins.

Templets

Length		Ordering Number	Item Code
in	mm		
FOR APF100 FASTENERS			
12	300	100T-300	80042
24	600	100T-600	80043
36	900	100T-900	80044
48	1200	100T-1200	80045
FOR APF150 FASTENERS			
12	300	150T-300	80038
24	600	150T-600	80039
36	900	150T-900	80040
48	1200	150T-1200	80041

Hinge Pins

Fastener Size	Length		Ordering Number	Item Code
	Foot	Meter		
APF100	10	3	NL250-X	80203
APF100	100	30	NL250-C	80204
APF150	10	3	NL350-X	80201
APF150	100	30	NL350-C	80202

Belt Punch

Fastener Size	Hole Dia.	Ordering Number	Item Code
APF100	.130	A100P	80078
APF150	.156	A150P	80079

Installation Tools

*MOTOR DRIVEN INSTALLATION TOOL (Does not include Comb Assembly or Templet. Purchase separately.)		
Voltage	Ordering Number	Item Code
110V	MDT-1	80110
220V-50 Cycle	MDT220-1	80111
*CURLING BIT		
Fastener Size	Ordering Number	Item Code
APF100	S100B	80075
APF150	S150B	80076
*COMB ASSEMBLY (Includes Gauge Pin)		
Length	Ordering Number	Item Code
in. / mm		
12 / 300	PCA7-300	80099
24 / 600	PCA7-600	80100
Clamp Knob Assembly		80150

*Required for Installation

Plastic Rivet Lube

Ordering Number	Item Code	Pkg. Qty.
PRL4	80090	1



Authorized Distributor:

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