



# 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	Wt. Lbs.
	in.	mm				
100	24	600	White	APF100W-50	80013	0.44
	48	1200	White	APF100W-100	80014	0.63
	24	600	Black	APF100B-50	80017	0.44
	48	1200	Black	APF100B-100	80018	0.63
	24	600	Blue	APF100BLUE-50	80023	0.44
	48	1200	Blue	APF100BLUE-100	80024	0.63
150	24	600	White	APF150W-50	80011	0.56
	48	1200	White	APF150W-100	80012	1.00
	24	600	Black	APF150B-50	80015	0.56
	48	1200	Black	APF150B-100	80016	1.00
	24	600	Blue	APF150BLUE-50	80026	0.56
	48	1200	Blue	APF150BLUE-100	80027	1.00

Includes Fasteners & Hinge Pin to make one splice

Bulk Fasteners			
Description	Ordering Number	Item Code	Wt. Lbs.
White	APF100W-500	80019	1.35
Black	APF100B-500	80021	1.35
Blue	APF100BLUE-500	80025	1.35
White	APF150W-500	80020	2.14
Black	APF150B-500	80022	2.14
Blue	APF150BLUE-500	80028	2.14

Recloseable plastic pail contains 500 fasteners and no Hinge Pins.

Hinge Pins					
Fastener Size	Length		Ordering Number	Item Code	Wt. Lbs.
	Foot	Meter			
APF100	10	3	NL250-X	80203	0.22
APF100	100	30	NL250-C	80204	2.20
APF150	10	3	NL350-X	80201	0.08
APF150	100	30	NL350-C	80202	0.80

Installation Tools				
<b>*MOTOR DRIVEN INSTALLATION TOOL</b> (Does not include Comb Assembly or Templet. Purchase separately.)				
Voltage	Ordering Number	Item Code	Wt. Lbs.	
110V	MDT-1	80110	31.0	
220V-50 Cycle	MDT220-1	80111	35.0	
<b>*CURLING BIT</b>				
Fastener Size	Ordering Number	Item Code	Wt. Lbs.	
APF100	S100B	80075	0.06	
APF150	S150B	80076	0.06	
<b>*COMB ASSEMBLY (Includes Gauge Pin)</b>				
Length		Ordering Number	Item Code	Wt. Lbs.
in.	mm			
12	300	PCA7-300	80099	5.0
24	600	PCA7-600	80100	9.0
Clamp Knob Assembly			80150	0.1

\*Required for Installation

Templets				
Length		Ordering Number	Item Code	Wt. Lbs.
in	mm			
<b>FOR APF100 FASTENERS</b>				
12	300	100T-300	80042	0.70
24	600	100T-600	80043	1.38
36	900	100T-900	80044	1.81
48	1200	100T-1200	80045	2.50
<b>FOR APF150 FASTENERS</b>				
12	300	150T-300	80038	0.69
24	600	150T-600	80039	1.25
36	900	150T-900	80040	1.81
48	1200	150T-1200	80041	2.38

Belt Punch				
Fastener Size	Hole Dia.	Ordering Number	Item Code	Wt. Lbs.
APF100	.130	A100P	80078	0.06
APF150	.156	A150P	80079	0.06

Plastic Rivet Lube			
Ordering Number	Item Code	Wt. Lbs.	Pkg. Qty.
PRL4	80090	0.38	1



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