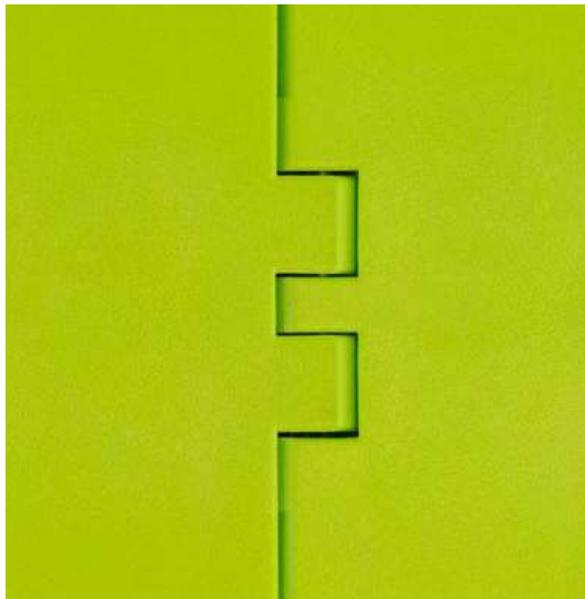


Dry-PT

**Brief Description**

Dry-PT material is an advanced high performance polymer alloy specifically designed for the lowest constant coefficient of friction possible between the chain and PET containers. The material was designed to eliminate the need for lubrication in high speed applications without a reduction in strength and wear resistance. The lime-green color is a visual indicator as to when the chain will need to be cleaned.

Primary Components

Advanced performance polymer alloy designed specifically for run dry PET container applications.

General Information

Prefix	Material	Temperature						FDA Approval
		Fahrenheit			Celsius			
		min	max		min	max		
		dry	wet		dry	wet		
Dry-PT	Dry PET Low Friction (Lime Green)	-40	180	150	-40	82	66	Yes

Friction Factors Between Material and Product

Operating Condition	Product Material						
	Aluminum	Returnable Glass Bottles**	Non-Returnable Glass Bottles	Paper	Plastic (crates, shrink wrap, etc)	PET	Steel
Dry	NR	NR	NR	NR	NR	0.14	NR
Water	NR	NR	NR	NR	NR	0.13	NR
Soap and Water	NR	NR	NR	NR	NR	0.12	NR
Oil	---	---	---	NR	---	---	---

Friction Factors Between Material and Wearstrips

Operating Condition	Wearstrip Material			
	Carbon and Stainless Steel	UHMWPE	Nylatron [†]	ULF
Dry	0.18	0.18	0.17	0.12
Water	0.15	0.13	0.13	0.11
Soap and Water	0.12	0.11	0.11	0.11
Oil	---	---	---	---

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

[†]Nylatron[®] is a registered trademark of Quadrant Engineering Plastics Products.

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