



**Brief Description**

Platinum Series X PSX material is an advanced performance polymer alloy engineered specifically for run dry applications. PSX material minimizes the amount of conveyor lubrication needed, and in many cases offers a completely run dry solution.

**Primary Components**

Advanced performance polymer alloy designed specifically for run dry applications

**General Information**

Prefix	Material	Temperature						FDA Approval
		Fahrenheit			Celsius			
		min	max		min	max		
		dry	wet		dry	wet		
PSX	Platinum Series X (Gray)	-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	0.16	0.20	0.12	0.23	0.18	0.16	0.16
Water	0.13	0.18	0.11	NR	0.16	0.15	0.14
Soap and Water	0.12	0.14	0.10	NR	0.14	0.14	0.12
Oil	---	---	---	NR	---	---	0.10

**Friction Factors Between Material and Wearstrips**

Operating Condition	Wearstrip Material			
	Carbon and Stainless Steel	UHMWPE	Nylatron+	ULF
Dry	0.22	0.18	0.16	0.12
Water	0.20	0.16	0.14	0.11
Soap and Water	0.15	0.14	0.12	0.11
Oil	0.10	0.10	0.10	0.10

**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.

Rexnord, Platinum Series, Platinum Series X, PS, PSX and HP are trademarks of Rexnord Corporation.

All rights reserved.

NR denotes "not recommended", Dash denotes "combination not tested"

\*\*Friction of returnable bottles will vary depending on the quality of the glass, the amount of roughed-up surface, etc.