



Brief Description

Formulated to be used in abrasive applications where chain is subjected to abrasives such as glass, sand and dirt. May extend chain wear life up to five times compared to acetal materials. Designed to be used in glass handling applications where abrasive shards of glass can wear other plastic chain materials rapidly. Can also be used in other abrasive applications.

Primary Components

Abrasion resistant nylon (PA).

General Information

Prefix	Material	Temperature						FDA Approval
		Fahrenheit			Celsius			
		min	max		min	max		
		dry	wet		dry	wet		
WX	Green Abrasion Resistant Polyamide	-40	+220	NR	-40	+104	NR	No

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	0.25	0.27	0.20	0.33	0.25	0.25	0.30
Water	NR	NR	NR	NR	NR	NR	NR
Soap and Water	NR	NR	NR	NR	NR	NR	NR
Oil	---	---	---	NR	---	---	---

Friction Factors Between Material and Wearstrips

Operating Condition	Wearstrip Material		
	Carbon and Stainless Steel	UHMWPE	Nylatron®
Dry	0.30	0.25	0.25
Water	NR	NR	NR
Soap and Water	NR	NR	NR
Oil	NA	0.16	0.16

Additional Notes

1. It is important to lubricate side-flexing chains in the corners to reduce noise levels at speeds in excess of 60FPM; however water lubrication is unacceptable because it will cause wear resistant material to swell and lose strength.

Regulatory Information

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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.