



**Brief Description**

Formulated to inhibit the growth of bacteria, mold and mildew that may cause discoloration, odor or degradation of the Rex® MatTop® chain. Retains physical properties in both wet and dry environments and has superior impact resistance over standard acetal. A good chain material where resistance to abrasion and cutting are required. Developed specifically for chains used in the food processing industry.

**Primary Components**

Cut and abrasive wear resistant acetal (POM)  
Microban® Antimicrobial Product Protection

**General Information**

Prefix	Material	Temperature						FDA Approval
		Fahrenheit			Celsius			
		min	max		min	max		
		dry	wet		dry	wet		
WSA	White Special Acetal w/ Antimicrobial Additive	-40	+180	+150	-40	+82	+66	‡
GSA	Grey Special Acetal w/ Antimicrobial Additive	-40	+180	+150	-40	+82	+66	‡
BSA	Blue Special Acetal w/ Antimicrobial Additive	-40	+180	+150	-40	+82	+66	‡

**Friction Factors Between Material and Product**

Operating Condition	Product Material						
	Aluminum	Glass	Glass Returnable Bottles	Glass Non-returnable Bottles	Paper	Plastic (including PET)	Steel
Dry	0.25	0.20	0.27	0.20	0.33	0.25	0.30
Water	0.17	0.15	0.18	0.15	NR	0.20	0.22
Soap and Water	0.12	0.10	0.14	0.10	NR	0.15	0.15
Oil	---	---	---	---	NR	---	0.10

**Friction Factors Between Material and Wearstrips**

Operating Condition	Wearstrip Material		
	Carbon and Stainless Steel	UHMWPE	Nylatron®
Dry	0.30	0.25	0.25
Water	0.23	0.21	0.21
Soap and Water	0.15	0.15	0.15
Oil	0.10	0.10	0.10

**Additional Notes**

1. Not available for Rex® TableTop® and Multiflex Chains.

**Regulatory Information**

‡ All components used in the formulation of this material have federal regulatory approval for direct food contact. For further information please contact Rexnord Industries, Inc. at 1.262.376.4800.

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This material will not protect the user against food-borne illness. Always maintain good hygiene, proper cleaning procedures are still required. Microban is a registered trademark of Microban Products Company.

Nylatron is a registered trademark of Quadrant Engineering Plastics Products.

