

SS

Photo  
Unavailable

**Brief Description**

Has excellent corrosion and abrasion resistance. Possess resistance to acids, have non-magnetic qualities, good impact resistance, good surface hardness and smooth surface finish. Used in applications requiring corrosion and abrasion resistance, including glass containers and parts handling where water or lubricants are used. The chain life of Rexnord® TableTop® Chains made with austenitic stainless steel material have been demonstrated to have more than 2x the wear life than competitive chains made with ferritic stainless steel.

**Primary Components**

Austenitic stainless steel.

**General Information**

Prefix	Material	Temperature						FDA Approval
		Farenheit			Celsius			
		min	max		min	max		
			dry	wet		dry	wet	
SS	Stainless Steel	-100	+800	+212	-73	+427	+100	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	0.34	0.35	0.33	0.43	0.31	0.30	0.38
Water	0.27	0.30	0.29	NR	0.22	0.21	0.30
Soap and Water	0.14	0.15	0.15	NR	0.15	0.14	0.15
Oil	---	---	---	NR	---	---	---

**Friction Factors Between Material and Wearstrips**

Operating Condition	Wearstrip Material		
	Carbon and Stainless Steel	UHMWPE	Nylatron®
Dry	0.40	0.30	0.30
Water	0.35	0.22	0.22
Soap and Water	0.15	0.15	0.15
Oil	0.15	0.16	0.16

**Regulatory Information**

Based on the material chemistries, industry standards, and the documentation in the Federal Registry, it is the opinion of Rexnord Industries, Inc. that the Rexnord® TableTop® stainless steel chains can be considered GRAS for direct food contact.

Rexnord, TableTop and MatTop are trademarks of Rexnord Industries, LLC.  
All rights reserved.

Nylatron is a registered trademark of Quadrant Engineering Plastics Products.

**Additional Notes**

1. It is important to lubricate side-flexing chains in the corners to reduce noise levels.
2. Not available for Rexnord® MatTop® and Multiflex chains.