

General Information

850-8 2 Ply White Silicone Fabric C X FS

MWR Part#	850-8
Description	2 Ply White Silicone Fabric C X FS
Product Category	Food Belts
Additional Specifications	H700014739 FNI-5ER 10
Main industry segments	Chocolate, Hygiene products, Primary food packaging
Applications	Food processing/conveying belt, Packaging belt, Transfer belt
Special features	Easy release, No stick-slip effect



Product Construction Design

Conveying side material	Silicone (SI)
Conveying side surface	Impregnated fabric
Conveying side property	Non-adhesive
Conveying side color	White
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyester (PET)
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
Pulley side color	White

Product Characteristics

Antistatically equipped	No
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, USDA recommendations	No use intended

Technical Data

Thickness of belt	0.90 mm (0.04 inch)
Mass of belt (belt weight)	1.0 kg/m ² (0.205 lb/sqft)
Tensile force for 1% elongation (k1% static)	6.0 N/mm (34 lbf/in)
Tensile force for 1% elongation after relaxation	4.0 N/mm (23 lbf/in)
Min. operating temperature admissible	-30 °C (-22 °F)
Max. operating temperature admissible	100 °C (212 °F)
Coefficient of friction (pulley side / steel driving pulley)	0.15
Coefficient of friction (pulley side / driving pulley with friction)	0.35
Coefficient of friction (pulley side / pickled steel slider bed)	0.20
Coefficient of friction (pulley side/phenolic resin slider bed)	0.25
Coefficient of friction (pulley side/stainless steel slider bed)	0.15
Admissible tensile force per unit of width	10 N/mm (57 lbf/in)
Admissible tensile force at max. operating temperature	7.0 N/mm (40 lbf/in)
Seamless manufacturing width	2000 mm (78.74 inch)

Joining Related Properties

Joining method	Flexproof 10 x 80
Knife-edge (nosebar) radius (minimum)	4 mm (0.157 inch)
Pulley diameter (minimum)	15 mm (0.59 inch)
Pulley diameter minimum with counter flection	25 mm (0.98 inch)

Application Suitability

Slider bed suitable	Yes
Carrying rollers suitable	Yes
Troughed installation suitable	No
Powerturns / curved installations	No
Low noise applications	No
Metal detector suitable	Yes



Application specialists are ready to help — call 763-559-2551. On-site installation team available.

WWW.midwestrubber.com