

General Information

832 3 Ply Green NBR Matte C X FS

MWR Part#	832
Description	3 Ply Green NBR Matte C X FS
Product Category	Processing Belts
Additional Specifications	H010100230 HAM-5P
Applications	Machine tape, Paper handling belt, Processing belt
Main industry segments	Paper manufacturing and processing, Paper printing and finishing, Secondary packaging
Special features	Abrasion resistant, Constant coefficient of friction, Forgiving in case of short term shock like overloads, Versatile



Product Construction Design

Conveying side material	Acrylonitrile-Butadiene-Rubber (NBR)
Conveying side surface	Matte
Conveying side property	Adhesive
Conveying side color	Green (Habasit green)
Traction layer (material)	Polyamide (PA)
Number of Fabrics	3
Pulley side material	Polyurethane cross-linked (PUR)
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
Pulley side color	Black

Product Characteristics

Antistatically equipped	Yes
Adhesive free joining method	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended

Technical Data

Thickness of belt	1.00 mm (0.04 inch)
Mass of belt (belt weight)	0.95 kg/m ² (0.195 lb/sqft)
Tensile force for 1% elongation (k1% static)	3.6 N/mm (21 lbf/in)
Tensile force for 1% elongation (k1% relaxed)	1.6 N/mm (9 lbf/in)
Min. operating temperature admissible (continuous)	-20 °C (-4 °F)
Max. operating temperature admissible (continuous)	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)	0.20
Coefficient of friction (pulley side/stainless steel slider bed)	0.15
Admissible tensile force per unit of width	8.0 N/mm (46 lbf/in)
Admissible tensile force per unit of width at max. temp	8.0 N/mm (46 lbf/in)
Seamless manufacturing width	1140 mm (44.88 inch)

Joining Related Properties

Joining method	Thermofix 90°
Pulley diameter (minimum)	20 mm (0.79 inch)
Pulley diameter minimum with counter flection	25 mm (0.98 inch)

Application Suitability

Slider bed suitable	Yes
Carrying rollers suitable	No
Troughed, Powerturns, curved installations suitable	No
Knife-edge (nosebar) suitable	No
Low noise applications	No



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

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