

General Information**835-1 2 Ply Green NBR Coarse C X FS**

MWR Part#	835-1
Description	2 Ply Green NBR Coarse C X FS
Product Category	Processing Belt
Additional Specifications	H800036112 HAT-5E 15
Applications	Machine tape, Paper handling belt, Processing belt
Special features	Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Versatile, Outstanding flex-fatigue
Main industry segments	Cardboard converting, Paper manufacturing and processing, Paper printing and finishing, Secondary packaging

Product Construction Design

Conveying side material	Acrylonitrile-Butadiene-Rubber (NBR)
Conveying side surface	Coarse textile structure
Conveying side property	Adhesive
Conveying side color	Green
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	Gray

Product Characteristics

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

Technical Data

Thickness of belt	1.5 mm (0.06 inch)
Mass of belt (belt weight)	1.8 kg/m ² (0.369 lb/sqft)
Tensile force for 1% elongation (k1% static)	6.5 N/mm (37 lbf/in)
Tensile force for 1% elongation after relaxation	4.8 N/mm (27 lbf/in)
Min. operating temperature admissible	0 °C (32 °F)
Max. operating temperature admissible	80 °C (176 °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)	0.15
Coefficient of friction (pulley side/stainless steel slider bed)	0.15
Admissible tensile force per unit of width	12 N/mm (69 lbf/in)
Admissible tensile force at max. operating temperature	5.5 N/mm (31 lbf/in)

Joining Related Properties

Joining method	Flexproof 20 x 80
Pulley diameter (minimum)	25 mm (0.98 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
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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