

General Information

2671 2 Ply Green PU Smooth C X FS

MWR Part#	2671
Description	2 Ply Green PU Smooth C X FS
Product Category	Light Conveyor Belts
Additional Specifications	H800034434 HNB-5E 14
Main industry segments	Distribution centers, Electronics, Fiber Optics, Industrial automation
Applications	Miniconveyor belt, Packaging belt, Processing belt, Transfer, Weighing
Special features	Abrasion resistant, Antistatic, Cut resistant, Dimensionally stable, Flat laying, Oil resistant, Small pulley diameter suitable



Product Construction Design

Conveying side material	Thermoplastic polyurethane (TPU)
Conveying side surface	Smooth
Conveying side property	Non-adhesive
Conveying side color	Green (Habasit 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
Food suitability, FDA conformance	Yes
Food suitability, USDA recommendations	No

Technical Data

Thickness of belt	1.30 mm (0.05 inch)
Mass of belt (belt weight)	1.5 kg/m ² (0.307 lb/sqft)
Tensile force for 1% elongation (k1% static)	7.0 N/mm (40 lbf/in)
Tensile force for 1% elongation after relaxation (k1% relaxed)	4.8 N/mm (27 lbf/in)
Min. operating temperature admissible (continuous)	-20 °C (-4 °F)
Max. operating temperature admissible (continuous)	90 °C (194 °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	11 N/mm (63 lbf/in)
Admissible tensile force per unit of width at max. temp	7.0 N/mm (40 lbf/in)

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	20 mm (0.79 inch)

Application Suitability

Slider bed suitable	Yes
Carrying rollers suitable	Yes
Troughed installation, Powerturns, curved installations	No
Low noise applications	No
Metal detector suitable	No
Mode of use or conveyance	Accumulation, Horizontal



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

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