

General Information	865 2 Ply White PO Matte C X FS
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MWR Part#	865
Description	2 Ply White PO Matte C X FS
Product Category	Food Belts
Additional Specifications	H800007830 CNB-6EB-A1
Special features	Easy release & cleanability, Hydrolysis resistant, Powerturn suitable, Wear resistant, Frayless edges
Main industry segments	Baked snacks, Biscuit and Crackers, Bread, Chocolate, Convenience food, Pastry, Poultry, Ready meals, Red meat, Vegetables
Applications	Cooling (line) belt, Inspection/control belt, Metering/singulation belt, Packaging belt, Powerturn belt, Transfer belt, Weighing belt

Product Construction Design

Conveying side material	Thermoplastic polyolefine (TPO)
Conveying side surface	Matte
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	Yes
Adhesive free joining method	Yes
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, USDA recommendations	USDA certified for compliance with NSF/ANSI/3-A 14159-3 standard for Meat

Technical Data

Thickness of belt	1.10 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)	4.0 N/mm (23 lbf/in)
Tensile force for 1% elongation after relaxation	3.2 N/mm (18 lbf/in)
Min. operating temperature admissible	-40 °C (-40 °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)	0.20
Coefficient of friction (pulley side/stainless steel slider bed)	0.20
Thermal Resistance	0.010 m ² K/W (0.002 Fft ² h/Btu)
Thermal Conductivity	0.100 W/mK (0.017 W/ft*F)
Admissible tensile force per unit of width	8.0 N/mm (46 lbf/in)
Admissible tensile force at max. operating temperature	4.0 N/mm (23 lbf/in)

Joining Related Properties

Joining method	Flexproof 10 x 80
Knife-edge (nosebar) radius (minimum)	2 mm (0.079 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, Powerturns, Curved suitable	Yes
Metal detector suitable	Yes



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