

General Information		555-4 2 Ply White PU Matte C X FS
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MWR Part#	555-4
Description	2 Ply White PU Matte C X FS
Product Category	Food Belts
Additional Specifications	H010102004 F-8EQWT 05
Special features	Easy cleanability
Main industry segments	Baked snacks, Biscuit, Crackers, Bread, Chocolate, Convenience food, Frozen food, Pasta, Pastry, Pizza, Packaging, Ready meals
Applications	Cooling belt, Food processing/conveying, Forming, spreading, Infeed, Inspection, control, Metering, singulation, Packaging, Transfer, Weighing

Product Construction Design	
Conveying side material	Thermoplastic polyurethane (TPU)
Conveying side surface	Matte
Conveying side property	Medium-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
Food suitability, FDA conformance	Yes
Food suitability, USDA recommendations	USDA certified for Meat and Poultry Processing.
Food suitability, EU conformance	Yes

Technical Data	
Thickness of belt	1.5 mm (0.06 inch)
Mass of belt (belt weight)	1.7 kg/m² (0.348 lb/sqft)
Tensile force for 1% elongation (k1% static)	9.0 N/mm (51 lbf/in)
Tensile force for 1% elongation (k1% relaxed)	6.5 N/mm (37 lbf/in)
Min. operating temperature admissible (continuous)	-30 °C (-22 °F)
Max. operating temperature admissible (continuous)	80 °C (176 °F)
Coefficient of friction (pulley side / steel driving pulley)	0.15
Coefficient of friction (pulley side/driving pulley friction cover)	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	16 N/mm (91 lbf/in)
Admissible tensile force per unit of width at max. temp	5.5 N/mm (31 lbf/in)

Joining Related Properties	
Joining method	Flexproof 10 x 80
Knife-edge (nosebar) radius (minimum)	4 mm (0.157 inch)
Pulley diameter (minimum)	20 mm (0.79 inch)
Pulley diameter minimum with counter flection	40 mm (1.57 inch)

Application Suitability	
Slider bed suitable	Yes
Carrying rollers suitable	Yes
Troughed, 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.

