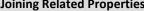
832 3 Ply Green NBR Matte C X FS **General Information** MWR Part# Description 3 Ply Green NBR Matte C X FS **Product Category Processing Belts** H010100230 HAM-5P **Additional Specifications Applications** Machine tape, Paper handling belt, Processing belt Main industry segments Paper manufacturing 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** Acrylonitrile-Butadiene-Rubber (NBR) Conveying side material Matte Conveying side surface Adhesive Conveying side property Conveying side color Green (Habasit green) Traction layer (material) Polyamide (PA) **Number of Fabrics** Pulley side material Polyurethane cross-linked (PUR) Pulley side surface Impregnated fabric Pulley side property Non-adhesive Black Pulley side color **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/m² (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 0.20 Coefficient of friction (pulley side / pickled steel slider bed) 0.20 Coefficient of friction (pulley side/phenolic resin slider bed) 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)

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

