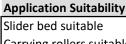
777 2 Ply White PET FS X FS **General Information** MWR Part# 2 Ply White PET Fabric FS X FS Description **Product Category Food Belts** H800030015 FNI-5EIWH-P1 **Additional Specifications** Accumulation, Diverting, Food processing/conveying, Packaging, Transfer **Applications** Main industry segments Baked snacks, Biscuit and Crackers, Bread, Chocolate, Convenience food, Pastry, Primary food packaging Special features Easy release, High temperature & Hydrolysis resistant, Low friction running side, No stick-slip effect **Product Construction Design** Conveying side material Polyester (PET) Conveying side surface Impregnated fabric Non-adhesive Conveying side property Conveying side color White Polyester (PET) Traction layer (material) **Number of Fabrics** Pulley side material Polyester (PET) Pulley side surface Impregnated fabric Pulley side property Non-adhesive White Pulley side color **Product Characteristics** Antistatically equipped Yes Adhesive free joining method Yes Flammability No specific flammability prevention property Food suitability, FDA conformance Yes Food suitability, USDA recommendations No use intended **Technical Data** Thickness of belt 0.95 mm (0.04 inch) Mass of belt (belt weight) 0.85 kg/m² (0.174 lb/sqft) Tensile force for 1% elongation (k1% static) 6.5 N/mm (37 lbf/in) Tensile force for 1% elongation (k1% relaxed) 4.6 N/mm (26 lbf/in) Min. operating temperature admissible (continuous) -40 °C (-40 °F) 110 °C (230 °F) Max. operating temperature admissible (continuous) Coefficient of friction (pulley side / steel driving pulley) 0.15 0.35 Coefficient of friction (pulley side/driving w/friction cover) 0.20 Coefficient of friction (pulley side pickled steel, SS steel bed) 0.20 Coefficient of friction (pulley side/phenolic resin slider bed) Thermal Resistance 0.012 m²K/W (0.002 Fft²h/Btu) Thermal Conductivity 0.080 W/mK (0.014 W/ft*F) Admissible tensile force per unit of width 11 N/mm (63 lbf/in) Admissible tensile force per unit of width at max. temp 3.6 N/mm (21 lbf/in) **Joining Related Properties** Joining method Flexproof 10 x 80



Yes

2 mm (0.079 inch)

15 mm (0.59 inch)

20 mm (0.79 inch)

Carrying rollers suitable

Pulley diameter (minimum)

Yes

Troughed, Powerturns, Curved installation suitable

Pulley diameter minimum with counter flection

Knife-edge (nosebar) radius (minimum)

Νo No

Yes

Low noise applications Metal detector suitable