Technical Product Datasheet

Product identification	**S 5/2 E V04GST / 0**	**Article number**	**20100002**

Product group	standard conveyor belt
Mode of transport	sloping and horizontal running
Application	consignment facilities, ergometer
Industry	logistics, card board and packaging industry, engineering, sports and fitness

Belt construction

Material conveying side	polyvinylchloride (PVC)
Characteristics conveying side	rough structure (GST), not adhesive
Color conveying side	black
Cover thickness conveying side	0.4 mm
Shore hardness A°	A 70 (± 3)
Material traction layer	polyester fabric
Number of fabrics	2
Material running side	polyester fabric
Characteristics running side	slippery
Color running side	colourless
Cover thickness running side	uncoated

Product characteristics

Total thickness	2.0 mm (± 0.10 mm)
Belt weight	2.1 kg/m²
Standard production width	2,000 mm
Maximum tensile force	65 N/mm
- at 1% elongation (DIN EN ISO 527-1)	5 N/mm
Minimum pulley diameter	40 mm
Minimum pulley diameter backflexing	60 mm
Knife edge suitable	no
Operation temperatures	Min: -10 °C 14 °F Max: 70 °C 158 °F
Permanently antistatic (DIN EN ISO 21178)	yes
Flammability (DIN EN ISO 340)	no
Chemical resistance	limited oil and grease resistant (see list of resistance)
Complies with FDA	no
Meets EU regulation for food contact	no

Installation terms

Slider bed suitable	yes
Carrying rollers suitable	yes
Low noise application	no
Accumulation mode	no
Inclined transportation	yes
Buckling conveyor	no
Curved installation	no
Friction coeff. on slider bed of steel	0.15
Friction coeff. on slider bed with friction cover	0.3
Troughed installation	yes
Cross rigidity	no

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