

Product identification

S 12/2 E V30ST / U0

Article number 20100046

Product group

special conveyor belt

Mode of transport

sloping and horizontal running

Application

transport of unit loads, assembly lines, transition belts

Industry

automotive, wood and furniture industry, steel mills, recycling, engineering, flake board fabrication, building material industry

Belt construction

Material conveying side	polyvinylchloride (PVC)
Characteristics conveying side	sandblasted structure (ST), adhesive
Color conveying side	red
Cover thickness conveying side	3.0 mm
Shore hardness A°	A 50 (± 3)
Material traction layer	polyester fabric
Number of fabrics	2
Material running side	polyester fabric
Characteristics running side	slippery
Color running side	black
Cover thickness running side	impregnated

Product characteristics

Total thickness	5.2 mm (± 0.20 mm)
Belt weight	6.1 kg/m ²
Standard production width	2,000 mm
Maximum tensile force	160 N/mm
- at 1% elongation (DIN EN ISO 527-1)	12 N/mm
Minimum pulley diameter	60 mm
Minimum pulley diameter backflexing	90 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	no
Cross rigidity	yes

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