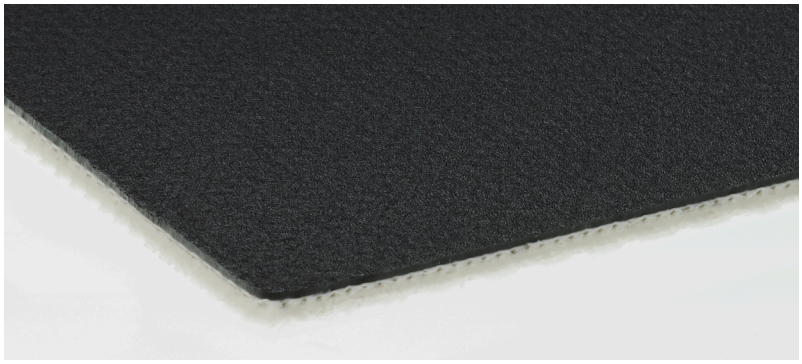
DATA SHEET

siegling transilon
conveyor and processing belts

Sustainable Solutions

Product Data Sheet

RE 10/2 TX0/V5H MT-SE-AMP black



Art. No.: 901015 M 1:2

Applications

Airport logistics	Luggage transport behind check-in
Logistics	Accumulation conveyor; Accumulation, discharge, Side loading; Collecting conveyor; High speed conveyor; Parcel handling; Pusher conveyor; Telescopic conveyor

Order information

Article number	901015
Suitable for corrugated side walls	No
Standard delivery width	3000 mm / 118.11 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Matte
Coating thickness	0.5 mm / 0.02 in
Color	Black
Driving face material	Fabric equipped with Texglide™
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally stiff fabric of recycled polyester warp and weft
Number of fabric plies	2
Driving face weave	Twill weave, low-noise

Sustainability

Fabric made of recycled products	Resource-friendly raw materials; Regenerative waste utilization; Positive contribution to life cycle/carbon emissions; Supports your sustainability concept
Energy-saving underside design	Power savings during operation; Positive contribution to life cycle/carbon emissions; Supports your sustainability concept
Savings CO_2 [kg/m²]	On request

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Technical data

Total thickness	2.2 mm ± 0.2 0.087 in ± 0.008
Weight	2.6 kg/m² ± 0.2 0.533 lbs/ft² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.5 N/mm / 48.54 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1 %
Friction coefficient of driving face against steel panel according ISO 21182	0.12
Friction coefficient of top face against steel panel according ISO 21182	0.25
Friction coefficient of driving face against galvanized steel panel (according internal test standard)	0.2
Permissible operating temperature	-10/50 °C, for a short time 70 °C 14/122 °F, for a short time 158 °F
Hardness of top face coating as per DIN 53505 (Shore A)	85

Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	Flame-retardant according to EN 20340/ISO 340 and ASTM 378-D
Noise development	Low noise
Belt support	Slider bed (support rollers possible)

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Electrostatic properties

Antistatic	Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt < 3 x 10^8 Ω. Measurement according DIN EN ISO 21178.

Fabrication

Belt edge sealing	On request
Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	No
Mechanical fasteners	HS-21; KS

Minimum drum diameter

Z- splice - 110 x 11,5 mm, counter-bending	40 mm / 1.6 in
Z- splice - 70 x 11,5 mm, counter-bending	40 mm / 1.6 in
Mechanical KS fastener (single-ply) with overlap splice, counter-bending	60 mm / 2.4 in
Z- splice - 70 x 11,5 mm, bending	36 mm / 1.4 in

Remarks

Chemical resistance	VH

The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations. See our brochure “Technical Information 1” no. 317 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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