

Product Data Sheet

E 10/2 TX0/V15 LG-SE-AMP black



Art. No.: 906810

M 1:2

Applications

Airport logistics

General material handling

Inclined conveying of unit goods / containers

Logistics

Acceleration conveyor; Braking conveyor;
High speed conveyor; Parcel handling;
Start-Stop conveyor; Strip belt merge

Order information

Article number

906810

Suitable for corrugated side walls

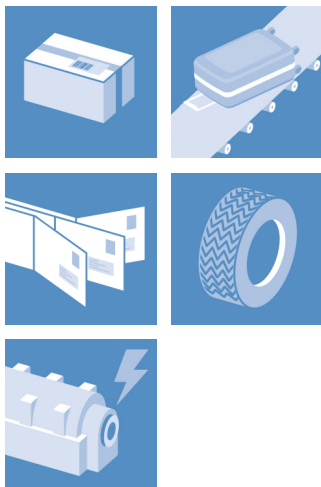
No

Standard delivery width

3000 mm / 118.11 in

Longitudinal seam possible

Yes



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Construction

Top face material	Polyvinyl chloride
Surface pattern	Longitudinal rib
Coating thickness	1.5 mm / 0.059 in
Color	Black
Driving face material	Fabric equipped with Texglide™
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Twill weave, low-noise

Technical data

Total thickness	2.7 mm ± 0.2 0.106 in ± 0.008
Weight	2.9 kg/m² ± 0.2 0.594 lbs/ft² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	9 N/mm / 51.39 lbf/in
Relaxed dynamic pull at 1% elongation	6 N/mm / 34.26 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	0.15
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)	42

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	No
Inclined conveying	Yes
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
Energy-saving, low friction Texglide driving face coating	Yes
Belt support	Slider bed (support rollers possible)

Electrostatic properties

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

Belt edge sealing	On request
Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	No
Mechanical fasteners	KS; HS-22

Minimum drum diameter

Z-splice, counter-bending	40 mm / 1.6 in
Z-splice, bending	30 mm / 1.2 in

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Remarks

- Lower noise at belt return/counter-bending compared to RT/ MRT pattern.
- Especially suitable for running over galvanised slider beds.
- Dynamic coefficient of friction against steel $\mu = 0,13$ (Forbo internal laboratory test after 150 hours).
- Dynamic coefficient of friction against galvanized steel $\mu < 0,20$ (Forbo internal laboratory test after 150 hours).
- Initial friction values on the top side often lower due to a slight and unavoidable transfer of the Texglide from the running side to the top side, caused by winding..

Chemical resistance

V

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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