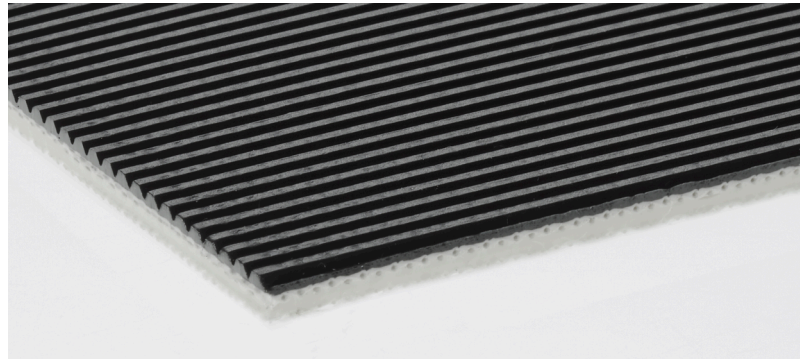




### Product Data Sheet

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

## black



Art. No.: 906810

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### Applications

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#### Airport logistics

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<b>General material handling</b>	Inclined conveying of unit goods / containers
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#### Logistics

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

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### Order information

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<b>Article number</b>	906810
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<b>Suitable for corrugated side walls</b>	No
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<b>Standard delivery width</b>	3000 mm / 118.11 in
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<b>Longitudinal seam possible</b>	Yes
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## siegling transilon

conveyor and processing belts

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

#### 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



#### Sustainability

Energy-saving underside design	Power savings during operation; Positive contribution to life cycle/carbon emissions; Supports your sustainability concept
Savings CO <sub>2</sub> [kg/m <sup>2</sup> ]	On request

#### Technical data

Total thickness	2.7 mm ± 0.2 0.106 in ± 0.008
Weight	2.9 kg/m <sup>2</sup> ± 0.2 0.594 lbs/ft <sup>2</sup> ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	9 N/mm / 51.39 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

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

#### Properties

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

#### Electrostatic properties

<b>Antistatic</b>	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

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

#### Minimum drum diameter

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

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

#### 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 Texslide 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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