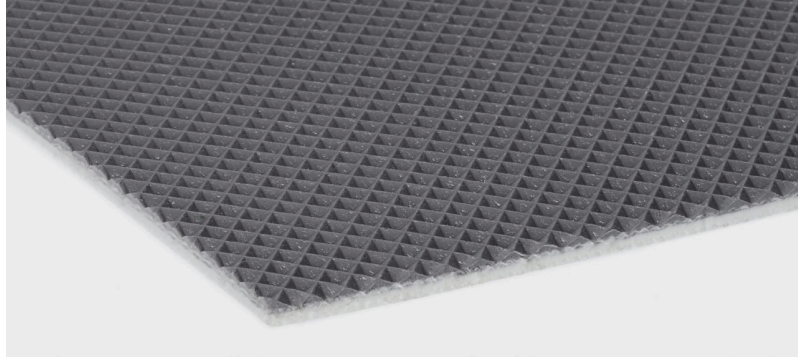


Product Data Sheet

E 5/2 0/V5 NP iron grey



Art. No.: 909232

M 1:2

Applications

Logistics

Crossbelt sorter

Order information

Article number

909232

Suitable for corrugated side walls

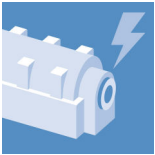
No

Standard delivery width

2800 mm / 110.24 in

Longitudinal seam possible

Yes



E 5/2 0/V5 NP iron grey

Construction

| | |
|-------------------------|--|
| Top face material | Polyvinyl chloride, low durometer |
| Surface pattern | Inverted pyramid |
| Coating thickness | 0.5 mm / 0.02 in |
| Color | iron grey (~RAL 7011) |
| Driving face material | Polyester fabric |
| Surface pattern | Fabric |
| Color | Transparent |
| Tension member material | Laterally flexible fabric of polyester warp and weft |
| Weave pattern | 2 |
| Driving face weave | Staple fiber fabric with plain weave, low noise |

Technical data

| | |
|--|---|
| Total thickness | 2.1 mm \pm 0.1 0.083 in \pm 0.004 |
| Weight | 2 kg/m ² \pm 0.1 0.41 lbs/ft ² \pm 0.02 |
| k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005 | 3.5 N/mm / 19.99 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 | 0.25 |
| Permissible operating temperature | -10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F |
| Hardness of top face coating as per DIN 53505 (Shore A) | 45 |

E 5/2 0/V5 NP iron grey

Properties

| | |
|---------------------------|---------------------------------------|
| Lateral stiffness | Laterally flexible |
| Troughable | Yes |
| Suitable for accumulation | No |
| Inclined conveying | No |
| Suitable for knife edges | No |
| Suitable for curves | Yes |
| Flame-retardant | No |
| Noise development | Low noise |
| 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. |
|------------|--|

Fabrication

| | |
|------------------------------------|------------------|
| Suitable for corrugated side walls | No |
| Profiles on top face | On request |
| Profiles on underside | Yes |
| Mechanical fasteners | CS-05; HS-22; KS |

Minimum drum diameter

| | |
|---------------------------|----------------|
| Z-splice, counter-bending | 30 mm / 1.2 in |
|---------------------------|----------------|

Remarks

| | |
|---------------------|---|
| 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

available

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require written confirmation.

Date of last change: 11/24/2023 10:34:01 AM

Obsolet - deleted from product range - remainder