

Product Data Sheet

E 8/2 V1/V/U20 black

Applications

Automotive	Punch press belt
Building material industry	Brick setting belt; Cutters for plasterboard, cement fibreboard and cardboards, bitumen film, veneer
General material handling	Conveying and turning of sacks
Logistics	Diverter conveyor
Machinery	Suction stackers
Tire/Rubber	Mixing belt, check-weigher belt

Order information

Article number	907145
Suitable for corrugated side walls	On request
Standard delivery width	2100 mm / 82.68 in
Longitudinal seam possible	Yes

Construction

Top face material	Polyurethane
Surface pattern	Smooth
Coating thickness	2 mm / 0.079 in
Color	Black
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Transparent
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Both sides coated

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Technical data

Total thickness	3.5 mm ± 0.15 0.138 in ± 0.006
Weight	4.15 kg/m ² ± 0.2 0.85 lbs/ft ² ± 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	0.2
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)	85

Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Coating/fabric exceptionally cut resistant	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 x 10 ⁸ Ω. Measurement according DIN EN ISO 21178.
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Fabrication

Belt edge sealing	Smartseal
Suitable for corrugated side walls	On request
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	HS-85; HS-43; HS-40; HS-16; CS-06; CS-05

Minimum drum diameter

Z-splice, counter-bending	60 mm / 2.4 in
Stepped overlap splice, counter-bending	90 mm / 3.5 in

Remarks

Chemical resistance	U
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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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