

Product Data Sheet

NOVO 60 HC black

Order information

Article number	900286
Standard delivery width	2000 mm / (79 in)
Longitudinal seam possible	Yes

Construction

Top face material	NOVO polyester felt
Surface pattern	Velveteen
Coating thickness	3.00 mm / (0.118 in)
Colour	Black
Driving face material	NOVO polyester felt
Surface pattern	Velveteen
Coating thickness	3.00 mm / (0.118 in)
Colour	Black
Tension member material	Conditionally laterally stiff polyester fabric, joined on both sides to homogeneous fibre bundle of polyester
Number of fabric plies	NOVO
Driving face weave	No bond

Technical data

Total thickness	5.50 mm ± 0.20 (0.217 in ± 0.008)
Weight	3.00 kg/m ² ± 0.20 (0.614 lbs/ft ² ± 0.041)
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.00 N/mm / (45.68 lbf/in)
Elongation at break longitudinal	18 %
Elongation at fitting min.	0.3 %
Elongation at fitting max.	1.5 %
Friction coefficient of driving face against steel panel according ISO 21182	0.23
Friction coefficient of top face against steel panel according ISO 21182	0.23
Permissible operating temperature	-10/120 °C, for a short time 150 °C (14/248 °F, for a short time 302 °F)

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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Properties

Lateral stiffness	Conditionally laterally stiff
Troughable	Yes
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	Yes
Flame-retardant	No
Noise development	Exceptionally low noise
Coating/fabric exceptionally cut resistant	Yes
Belt support	Slider bed (support rollers possible)

Food properties

	Not suitable for the transport of unpacked food according to (EU) 10/2011 and (EC) 1935/2004, FDA 21CFR or MHLW 370.
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Electrostatic properties

Highly conductive	Conductive top face and in most cases underside also. Antistatic properties have to be fulfilled. Conductivity of the belt surface in longitudinal direction $R(OB) < 3 \cdot 10^8 \Omega$.
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Fabrication

Belt edge sealing	No
Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	KS(S); CS-07; CS-06; HS-26; HS-24; HS-22; HS-23

Minimum drum diameter

Z-splice with counter-bending \emptyset	125 mm / (4.9 in)
Wedge overlap splice with counter-bending \emptyset	125 mm / (4.9 in)
Wedge overlap splice without counter-bending \emptyset	60 mm / (2.4 in)
Z-splice without counter-bending \emptyset	90 mm / (3.5 in)

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Applications

Building material industry	Brick conveying / Tiles conveying / Stone transport
General material handling	Conveying of easily scratched products; Conveying of hot goods; Horizontal conveying (metering)
Logistics	Accumulation belt / Discharge belt; Collecting belts; Parcel handling; Pusher belts
Metalworking & automotive industry	Press-in-feed/inter-press conveyors; Vacuum conveyors; Varnish drying
Tyre industry	Calendering; Curing; Quality control / storage; Rubber extrusion & cooling; Tyre cord cutting
Wood industry	Board conveying; Drying tunnel; Finishing (feeding, veneering, laminating); Press discharge belt

Remarks

- ▶ Please inquire about thickness tolerance of longitudinal seam.
- ▶ Swelling possible by absorption of water-soluble liquids.

Chemical resistance	E
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