Product Data Sheet

NOVO 30 HAP-HC+ black



Art. No.: 906871 M 1:2

Applications

Machinery	Vacuum cutting tables

Order information

Article number	906871
Suitable for corrugated side walls	No
Standard delivery width	3500 mm / 137.8 in
Longitudinal seam possible	On request

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Construction

Top face material	NOVO polyester felt
Surface pattern	Velveteen
Coating thickness	2.6 mm / 0.102 in
Color	Black
Driving face material	NOVO polyester felt
Surface pattern	Velveteen
Coating thickness	0.4 mm / 0.016 in
Color	Black
Tension member material	Laterally stiff polyester fabric, joined on both sides to homogeneous fiber bundle of polyester
Number of fabric plies	NOVO
Driving face weave	No bond

Technical data

Total thickness	3 mm ± 0.2 0.118 in ± 0.008
Weight	1.8 kg/m² ± 0.2 0.369 lbs/ft² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	2.5 N/mm / 14.28 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended 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	0.26
Permissible operating temperature	-10/120 °C, for a short time 150 °C 14/248 °F, for a short time 302 °F

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Properties

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

Electrostatic properties

Highly conductive+	Belt material with electrically conductive antistatic agents. Conductive top face and conductive driving face, in addition also conductive in vertical direction. Resistance of the conductive surfaces (ROA) < 3 x $10^8\Omega$, vertical resistance (RD) < 1 x $10^9\Omega$. Measurement according DIN EN ISO 21178.

Fabrication

Belt edge sealing	No
Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	No

Remarks

▸ **High air permeability.**	
	Applications as conveyor belt only after technical clarification.
Chemical resistance	E

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.

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317 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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