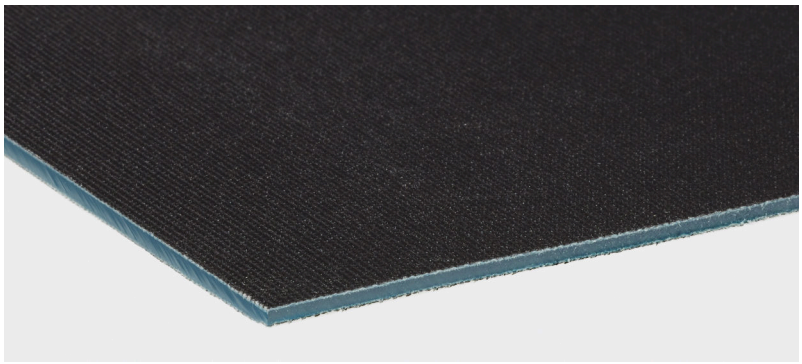
Product Data Sheet (Provisional)

NP (TT 20P-18 HC FBRC black)



Art. No.: 855666 M 1:2

Applications

Electronic Industry	Drag belt conveyor systems
Application Group	Drag Belts

Order information

Article number	855666
Standard delivery width	510 mm / 20.08 in

Construction

Surface material top face	Polyamide fabric, impregnated
Surface pattern	Fabric
Color	Black
Surface material underside	Polyamide fabric, impregnated
Surface pattern	Fabric
Color	Black
Tension member material	Polyamide sheet, highly-orientated

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Technical data

Total thickness	1.8 mm ± 0.1 0.071 in ± 0.004
Weight	1.8 kg/m² 0.369 lbs/ft²
Fw' at 1 % elongation at fitting	20 N/mm / 114.2 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	10 N/mm / 57.1 lbf/in
Elongation at break warp	14 %
Recommended Elongation at fitting min.	1.5 %
Recommended Elongation at fitting max.	3 %
Friction coefficient of top face against steel panel according to internal test instruction	0.2
Friction coefficient of underside against steel panel according to internal test instruction	0.2
Permissible operating temperature	-20/80 °C, for a short time 100 °C -4/176 °F, for a short time 212 °F

Properties

Troughable	No
Suitable for accumulation	Yes
Not susceptible to shocks	Yes
High edge stability	Yes

Electrostatic properties

Highly conductive	Belt material with electrically conductive antistatic agents. Conductive top and driving face. Resistance of the conductive surface(s) (ROA) < 3 x $10^8\Omega$. Measurement according DIN EN ISO 21178.

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Fabrication

Profiles on top face	On request
Profiles on underside	On request

Minimum drum diameter

Mechanical fasteners	
Wedge overlap splice, counter-bending	60 mm / 2.4 in

The physical data in this data sheet is approximate, can alter depending on production environments. The belts should be stored under normal ambient conditions climate (23 °C, 50 % humidity) as per DIN EN ISO 291. Fluctuations in climate can cause variations. See our brochure “Compendium Flat Belts” no. 333 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

Date of last change: 3/13/2026 7:39:05 AM