

Product Data Sheet

QB150PH HMxF-NA black FR



Art. No.: 908135

M 1:2

Applications

Airport logistics

General material handling

Horizontal conveying (metering)

Metalworking & automotive industry

Wood industry

Order information

Article number

908135

Suitable for corrugated side walls

Yes

Belt style

QB = Silent Partner

Standard delivery width

1829 mm / 72.01 in

Longitudinal seam possible

Yes

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Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Matt, heavy
Coating thickness	1.02 mm / 0.04 in
Color	Black
Driving face material	NOVO polyester felt
Surface pattern	Velveteen
Color	Black
Tension member material	2-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	3.56 mm ± 0.25 0.14 in ± 0.01
Weight	4.39 kg/m ² ± 0.44 0.9 lbs/ft ² ± 0.09
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	10 N/mm / 57.1 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.3 %
Rated working tension	26 N/mm / 150 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.28
Friction coefficient of top face against steel panel according ISO 21182	0.6
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Low noise
Particular surface properties	► Not adhesive
Coating/fabric exceptionally cut resistant	Yes
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical fastener, bending	76 mm / 3 in
Z-splice, bending	51 mm / 2 in

Remarks

Chemical resistance	Good
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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.

Date of last change: 10/19/2020 11:30:43 AM