

Product Data Sheet

QB120 HMxF-NA black FR



Art. No.: 908132

M 1:2

Applications

Airport logistics

General material handling	Horizontal conveying; Troughed conveyor belt
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Order information

Article number	908132
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	Matte, 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	2.54 mm ± 0.25 0.1 in ± 0.01
Weight	2.93 kg/m ² ± 0.29 0.6 lbs/ft ² ± 0.06
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.76 N/mm / 50 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.3 %
Rated working tension	21 N/mm / 120 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.45
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 flexible
Troughable	Yes
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
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	Alligator®RS62; Clipper® 1SP

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical Alligator® fastener, bending	51 mm / 2 in
Mechanical Clipper® fastener, bending	51 mm / 2 in

Remarks

Chemical resistance	V
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The physical data in this data sheet is approximate, can alter depending on production environments and was

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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.

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