

Product Data Sheet

PHR2-160 BBxBB-NA black FR



Art. No.: 908203

M 1:2

Applications

Airport logistics	Check-in conveyor
General material handling	Troughed conveyor belt
Logistics	Accumulation conveyor; Pusher conveyor
Machinery	
Paper & corrugated cardboard industry	Paper rollsconveying

Order information

Article number	908203
Suitable for corrugated side walls	No
Belt style	PHR = Package Handling Rubber
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	No

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Construction

Top face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Black
Driving face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Black
Tension member material	Fabric of polyester filament warp and weft
Number of fabric plies	2

Technical data

Total thickness	2.29 mm ± 0.23 0.09 in ± 0.009
Weight	2.64 kg/m ² ± 0.26 0.54 lbs/ft ² ± 0.054
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	7.88 N/mm / 45 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	28 N/mm / 160 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.18
Friction coefficient of top face against steel panel according ISO 21182	0.18
Permissible operating temperature	-29/107 °C -20/225 °F

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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	Normal
Particular surface properties	<ul style="list-style-type: none"> ▸ Not adhesive ▸ Coating/fabric abrasion resistant
Belt support	Slider bed (support rollers possible)
UV resistance	Improved

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	HS-22; Alligator®RS62; Clipper® 1SP

Minimum drum diameter

Wedge overlap splice, counter-bending	152 mm / 6 in
Wedge overlap splice, bending	127 mm / 5 in

Remarks

Chemical resistance	R
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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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