

Product Data Sheet

PHR2-160 RTxBB-NA black FR

Applications

Building material industry	Application Missing
General material handling	Inclined conveying of unit goods / containers in wet sectors
Logistics	Acceleration conveyor; Parcel handling; Start-Stop conveyor
Metalworking & automotive industry	Blank conveying/stacking systems; Transport of metal parts
Paper & corrugated cardboard industry	Corrugated paper in-liner/FFG (die-cutter, slotter, folder gluer, finish, stacker/count eject)
Tyre industry	Quality control / storage; Rubber extrusion & cooling
Wood industry	Board conveying

Order information

Article number	908206 - Copy
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	Styrene butadiene rubber
Surface pattern	Rough-top, fabric embossing
Coating thickness	5.08 mm / 0.2 in
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	6.86 mm \pm 0.69 0.27 in \pm 0.027
Weight	6.35 kg/m ² \pm 0.63 1.301 lbs/ft ² \pm 0.13
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.	1.5 %
Rated working tension	28 N/mm / 160 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.2
Friction coefficient of top face against steel panel according ISO 21182	1
Permissible operating temperature	-29/107 °C -20/225 °F

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Properties

Lateral stiffness	Conditionally laterally stiff
Troughable	Limited
Suitable for accumulation	No
Inclined conveying	Yes
Suitable for knife edges	No
Suitable for curves	Yes
Flame-retardant	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ► Excellent release ► 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	No
Profiles on underside	Yes
Mechanical fasteners	HS-23; CS-06; CS-07

Minimum drum diameter

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

Remarks

Chemical resistance	Low
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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.

Date of last change: 3/12/2024 10:38:30 AM