

Product Data Sheet

PHR2-160 GRADE II 3/64LixBB-NA black



Art. No.: 908220

M 1:2

Applications

General material handling	Horizontal conveying
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Order information

Article number	908220
Suitable for corrugated side walls	No
Belt style	PHR = Package Handling Rubber
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	No

PHR2-160 GRADE II 3/64LIxBB-NA black

Construction

Top face material	Styrene butadiene rubber, grade II
Surface pattern	Light impression
Coating thickness	1.19 mm / 0.047 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	3.63 mm ± 0.36 0.143 in ± 0.014
Weight	4.1 kg/m ² ± 0.41 0.84 lbs/ft ² ± 0.084
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	7.76 N/mm / 44.29 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
Permissible operating temperature	-29/107 °C -20/225 °F

PHR2-160 GRADE II 3/64LIxBB-NA black

Properties

Lateral stiffness	Laterally flexible
Troughable	Limited
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ▸ Good grip ▸ Coating/fabric abrasion resistant
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	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS125; Clipper® #1

Minimum drum diameter

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

Remarks

Chemical resistance	R
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PHR2-160 GRADE II 3/64LIxBB-NA black

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: 10/28/2024 12:43:22 PM