

Product Data Sheet

PHR2-160 GII 5.8MM RTxBBB-NA black



Art. No.: 908237

M 1:2

Applications

General material handling	Inclined conveying of unit goods / containers in wet sectors
Logistics	Parcel handling

Order information

Article number	908237
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, grade II
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	5.77 mm \pm 0.58 0.227 in \pm 0.023
Weight	4.59 kg/m ² \pm 0.46 0.94 lbs/ft ² \pm 0.094
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8 N/mm / 45.68 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
Permissible operating temperature	-29/93 °C -20/199 °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	No
Flame-retardant	No
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ▸ Excellent grip ▸ Coating/fabric abrasion resistant
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	On request

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.

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