

Product Data Sheet

PHR3-240 GRADE II RTxBB-NA black



Art. No.: 908242

M 1:2

Applications

General material handling	Inclined conveying of unit goods / containers in wet sectors
Wood industry	Log transport from wood yard to debarking

Order information

Article number	908242
Suitable for corrugated side walls	No
Belt style	PHR = Package Handling Rubber
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	On request

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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	3

Technical data

Total thickness	7.54 mm ± 0.75 0.297 in ± 0.03
Weight	6.64 kg/m ² ± 0.66 1.36 lbs/ft ² ± 0.136
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	18.39 N/mm / 105 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	42 N/mm / 240 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.2
Permissible operating temperature	-29/107 °C -20/225 °F

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Properties

Lateral stiffness	Exceptionally laterally stiff
Troughable	No
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

Belt edge sealing	Not possible
Suitable for corrugated side walls	No
Profiles on top face	On request
Profiles on underside	On request

Minimum drum diameter

Wedge overlap splice bending, needed	200 mm / 7.9 in
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Remarks

▸ **Non-marking top face coating.**

Chemical resistance	R
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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

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50014/ISO 554. Fluctuations in climate can cause variations.

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