

Product Data Sheet

PHR2-160 PURE GUM RTxBB-NA tan



2:1

Art. No.: 908222

M 1:2

Applications

Automotive	Press-in-feed/inter-press conveyors
Food industry	Transport of unpacked food in freezers
General material handling	Inclined conveying of unit goods / containers in wet sectors
Glass industry	Flat glass Conveying
Steel	Transport of metal parts
Tire/Rubber	Tyre fitting on wheels
Wood industry	Board conveying; Wood sanders

Order information

Article number	908222
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	Pure natural rubber
Surface pattern	Rough-top, fabric embossing
Coating thickness	5.08 mm / 0.2 in
Color	Tan
Driving face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Tan
Tension member material	Fabric of polyester filament warp and weft
Number of fabric plies	2

Technical data

Total thickness	6.86 mm ± 0.69 0.27 in ± 0.027
Weight	5.22 kg/m ² ± 0.52 1.07 lbs/ft ² ± 0.107
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	0.2
Permissible operating temperature	-29/107 °C, for a short time 50 °C -20/225 °F, for a short time 122 °F

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Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
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 especially 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-26; Alligator®RS125; Clipper® #1; CS-05

Minimum drum diameter

Mechanical Alligator® fastener, bending	899 mm / 35.4 in
Mechanical Clipper® fastener, bending	89 mm / 3.5 in
Wedge overlap splice, counter-bending	127 mm / 5 in
Mechanical CS fastener, bending	89 mm / 3.5 in
Mechanical HS fastener, bending	102 mm / 4 in
Wedge overlap splice, bending	89 mm / 3.5 in

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Remarks

► **Good resistance to oxygen, ozone and sunlight.**

Chemical resistance R

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.

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