

## Product Data Sheet

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



Art. No.: 908220

M 1:2

### Applications

General material handling	Horizontal conveying (metering)
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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

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#### Construction

<b>Top face material</b>	Styrene butadiene rubber, grade II
<b>Surface pattern</b>	Light impression
<b>Coating thickness</b>	1.19 mm / 0.047 in
<b>Color</b>	Black
<b>Driving face material</b>	Resorcinol formaldehyde latex impregnation
<b>Surface pattern</b>	Fabric
<b>Color</b>	Black
<b>Tension member material</b>	Fabric of polyester filament warp and weft
<b>Number of fabric plies</b>	2

#### Technical data

<b>Total thickness</b>	3.63 mm $\pm$ 0.38 0.143 in $\pm$ 0.015
<b>Weight</b>	4.1 kg/m <sup>2</sup> $\pm$ 0.41 0.84 lbs/ft <sup>2</sup> $\pm$ 0.084
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	7.5 N/mm / 42.83 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.3 %
<b>Recommended Elongation at fitting max.</b>	1.5 %
<b>Rated working tension</b>	28 N/mm / 160 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.2
<b>Permissible operating temperature</b>	-29/107 °C -20/225 °F

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#### 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"> <li>▸ Good grip</li> <li>▸ Coating/fabric abrasion resistant</li> </ul>
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	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 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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