

### Product Data Sheet

# PHR2-160 3/64LIxBB-NA black FR



Art. No.: 908204

M 1:2

### Applications

#### Airport logistics

#### General material handling

Horizontal conveying

#### Logistics

Acceleration conveyor; Braking conveyor;  
High speed conveyor; Parcel handling;  
Start-Stop conveyor

### Order information

#### Article number

908204

#### 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
<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>	3.68 mm ± 0.28 0.145 in ± 0.011
<b>Weight</b>	4.39 kg/m <sup>2</sup> ± 0.33 0.9 lbs/ft <sup>2</sup> ± 0.068
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	8.76 N/mm / 50 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>Friction coefficient of top face against steel panel according ISO 21182</b>	1
<b>Permissible operating temperature</b>	-29/107 °C -20/225 °F

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#### Properties

<b>Lateral stiffness</b>	Laterally flexible
<b>Troughable</b>	Yes
<b>Suitable for accumulation</b>	No
<b>Inclined conveying</b>	No
<b>Suitable for knife edges</b>	No
<b>Suitable for curves</b>	No
<b>Flame-retardant</b>	FR (ASTM D-378)
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	<ul style="list-style-type: none"> <li>▸ Good grip</li> <li>▸ Coating/fabric abrasion resistant</li> </ul>
<b>Coating/fabric exceptionally cut resistant</b>	Yes
<b>Belt support</b>	Slider bed (support rollers possible)
<b>UV resistance</b>	Normal

#### Electrostatic properties

<b>Not antistatic</b>	Belt material with electrically insulating properties
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#### Fabrication

<b>Suitable for corrugated side walls</b>	No
<b>Profiles on top face</b>	No
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	Alligator®RS125; Clipper® #1

#### Minimum drum diameter

<b>Mechanical fastener, bending</b>	102 mm / 4 in
<b>Wedge overlap splice, counter-bending</b>	127 mm / 5 in

#### Remarks

▸ Top face friction equal or larger than 1.

<b>Chemical resistance</b>	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 50014/ISO 554. Fluctuations in climate can cause variations.

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