

### Product Data Sheet

# PHR2-160 GII 5.8MM RTxBB-NA black



Art. No.: 908237

M 1:2

### Applications

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

### Order information

<b>Article number</b>	908237
<b>Suitable for corrugated side walls</b>	No
<b>Belt style</b>	PHR = Package Handling Rubber
<b>Standard delivery width</b>	1829 mm / 72.01 in
<b>Longitudinal seam possible</b>	No

### PHR2-160 GII 5.8MM RTxBB-NA black

#### Construction

<b>Top face material</b>	Styrene butadiene rubber, grade II
<b>Surface pattern</b>	Rough-top, fabric embossing
<b>Coating thickness</b>	5.08 mm / 0.2 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>	5.77 mm ± 0.58 0.227 in ± 0.023
<b>Weight</b>	4.59 kg/m <sup>2</sup> ± 0.46 0.94 lbs/ft <sup>2</sup> ± 0.094
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	7.76 N/mm / 44.29 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

### PHR2-160 GII 5.8MM RTxBB-NA black

#### Properties

<b>Lateral stiffness</b>	Conditionally laterally stiff
<b>Troughable</b>	Limited
<b>Suitable for accumulation</b>	No
<b>Inclined conveying</b>	Yes
<b>Suitable for knife edges</b>	No
<b>Suitable for curves</b>	No
<b>Flame-retardant</b>	No
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	<ul style="list-style-type: none"> <li>▸ Excellent grip</li> <li>▸ Coating/fabric abrasion resistant</li> </ul>
<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
-----------------------	---

#### 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 Alligator® fastener, bending</b>	127 mm / 5 in
<b>Mechanical Clipper® fastener, bending</b>	127 mm / 5 in
<b>Wedge overlap splice, counter-bending</b>	152 mm / 6 in

#### Remarks

<b>Chemical resistance</b>	R
----------------------------	---

### PHR2-160 GII 5.8MM RTxBB-NA black

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.

Date of last change: 10/28/2024 12:43:48 PM