

### Product Data Sheet

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



Art. No.: 908220

M 1:2

### Applications

|                           |                                 |
|---------------------------|---------------------------------|
| General material handling | Horizontal conveying (metering) |
|---------------------------|---------------------------------|

### 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                            |

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

#### 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 ± 0.38<br>0.143 in ± 0.015                               |
| <b>Weight</b>   | 4.1 kg/m <sup>2</sup> ± 0.41<br>0.84 lbs/ft <sup>2</sup> ± 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<br>-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 |
|----------------|---|

#### 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 |
|---------------------|-----|

### PHR2-160 GRADE II 3/64LIxBB-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.

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