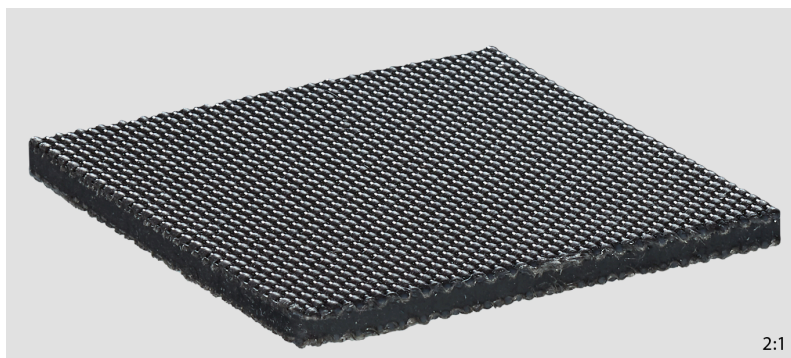


## Product Data Sheet

# PHR2-90MF BBxBB-NA black FR



Art. No.: 908200

M 1:2

### Applications

|                                  |  |
|----------------------------------|--|
| <b>Airport logistics</b>         | Luggage transport behind check-in  |
| <b>General material handling</b> | Horizontal conveying   |
| <b>Logistics</b>                 | Accumulation conveyor; Collecting conveyor; Parcel handling; Pusher conveyor |

### Order information

|   |                               |
|---|-------------------------------|
| <b>Article number</b>                     | 908200                        |
| <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                            |

### PHR2-90MF BBxBB-NA black FR

#### Construction

|                                |   |
|--------------------------------|---|
| <b>Top face material</b>       | Resorcinol formaldehyde latex impregnation              |
| <b>Surface pattern</b>         | Fabric  |
| <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 monofilament weft |
| <b>Number of fabric plies</b>  | 2   |
| <b>Driving face weave</b>      | Plain weave   |

#### Technical data

|   |   |
|---|---|
| <b>Total thickness</b>  | 2.87 mm ± 0.29<br>0.113 in ± 0.011                                |
| <b>Weight</b>   | 3.37 kg/m <sup>2</sup> ± 0.34<br>0.69 lbs/ft <sup>2</sup> ± 0.069 |
| <b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b> | 4.73 N/mm / 27 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>  | 16 N/mm / 90 lbf/in at 2 % Elongation                             |
| <b>Friction coefficient of driving face against steel panel according ISO 21182</b>                 | 0.16  |
| <b>Friction coefficient of top face against steel panel according ISO 21182</b>                     | 0.16  |
| <b>Permissible operating temperature</b>  | -29/107 °C<br>-20/225 °F  |

### PHR2-90MF BBxBB-NA black FR

#### Properties

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Lateral stiffness</b>             | Laterally stiff                       |
| <b>Troughable</b>                    | No                                    |
| <b>Suitable for accumulation</b>     | Yes                                   |
| <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> | ► Not adhesive                        |
| <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>               | Yes  |
| <b>Profiles on underside</b>              | Yes  |
| <b>Mechanical fasteners</b>               | Alligator®RS62; Clipper® UX1SP; CS-06; HS-24 |

#### Minimum drum diameter

|  |                |
|--|----------------|
| <b>Mechanical Alligator® fastener, bending</b> | 51 mm / 2 in   |
| <b>Mechanical Clipper® fastener, bending</b>   | 51 mm / 2 in   |
| <b>Wedge overlap splice, counter-bending</b>   | 64 mm / 2.5 in |
| <b>Mechanical CS fastener, bending</b>         | 51 mm / 2 in   |
| <b>Mechanical HS fastener, bending</b>         | 76 mm / 3 in   |

### PHR2-90MF BBxBB-NA black FR

#### Remarks

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|                            |   |
|----------------------------|---|
| <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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