

## Product Data Sheet

# PVC200 O/M CxC black FR



Art. No.: 908029

M 1:2

### Applications

|                                  |                                       |
|----------------------------------|---------------------------------------|
| <b>General material handling</b> | Elevator belt; Troughed conveyor belt |
|----------------------------------|---------------------------------------|

### Order information

|   |                      |
|---|----------------------|
| <b>Article number</b>                     | 908029               |
| <b>Suitable for corrugated side walls</b> | Yes                  |
| <b>Belt style</b>                         | PVC = Interwoven PVC |
| <b>Standard delivery width</b>            | 1829 mm / 72.01 in   |
| <b>Longitudinal seam possible</b>         | Yes                  |

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#### Construction

|                                |   |
|--------------------------------|---|
| <b>Top face material</b>       | Polyvinyl chloride, hard                                |
| <b>Surface pattern</b>         | Smooth  |
| <b>Coating thickness</b>       | 1.02 mm / 0.04 in                                       |
| <b>Color</b>                   | Black   |
| <b>Driving face material</b>   | Polyvinyl chloride                                      |
| <b>Surface pattern</b>         | Smooth  |
| <b>Coating thickness</b>       | 1.02 mm / 0.04 in                                       |
| <b>Color</b>                   | Black   |
| <b>Tension member material</b> | 3-ply interwoven fabric of polyester spun warp and weft |
| <b>Number of fabric plies</b>  | 1   |

#### Technical data

|   |   |
|---|---|
| <b>Total thickness</b>  | 6.1 mm ± 0.25<br>0.24 in ± 0.01                                 |
| <b>Weight</b>   | 7.81 kg/m <sup>2</sup> ± 0.78<br>1.6 lbs/ft <sup>2</sup> ± 0.16 |
| <b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b> | 12 N/mm / 68.52 lbf/in  |
| <b>Recommended Elongation at fitting min.</b>   | 0.5 %   |
| <b>Recommended Elongation at fitting max.</b>   | 1.5 %   |
| <b>Rated working tension</b>  | 35 N/mm / 200 lbf/in at 2 % Elongation                          |
| <b>Friction coefficient of driving face against steel panel according ISO 21182</b>                 | 0.83  |
| <b>Friction coefficient of top face against steel panel according ISO 21182</b>                     | 0.83  |
| <b>Permissible operating temperature</b>  | -18/82 °C<br>0/180 °F   |
| <b>Hardness of top face coating as per DIN 53505 (Shore A)</b>                                      | 80  |

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#### Properties

|                               |                    |
|-------------------------------|--------------------|
| Lateral stiffness             | Laterally flexible |
| Troughable                    | Yes                |
| Suitable for accumulation     | No                 |
| Inclined conveying            | No                 |
| Suitable for knife edges      | No                 |
| Suitable for curves           | No                 |
| Flame-retardant               | FR (MSHA 2G)       |
| Noise development             | Normal             |
| Particular surface properties | ▸ Good grip        |
| Belt support                  | Support rollers    |
| UV resistance                 | Normal             |

#### Electrostatic properties

OSHA 29 CFR

#### Fabrication

|                                    |            |
|------------------------------------|------------|
| Suitable for corrugated side walls | Yes        |
| Profiles on top face               | Yes        |
| Profiles on underside              | Yes        |
| Mechanical fasteners               | On request |

#### Minimum drum diameter

|                           |               |
|---------------------------|---------------|
| Z-splice, counter-bending | 126 mm / 5 in |
|---------------------------|---------------|

#### Remarks

|                     |      |
|---------------------|------|
| Chemical resistance | Good |
|---------------------|------|

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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