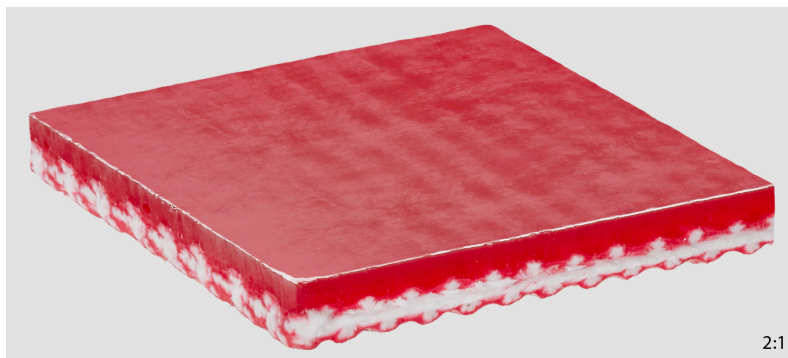


### Product Data Sheet

# PU120PH HCxF-NA red



Art. No.: 908894

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### Applications

<b>Automotive</b>	Punch press belt
<b>Building material industry</b>	Brick conveying / Tiles conveying / Stone transport
<b>General material handling</b>	Horizontal conveying; Waste conveyor, recycling conveyor
<b>Steel</b>	Transport of metal parts; Wrapper belt for coil machinery in steel and aluminium processing

### Order information

<b>Article number</b>	908894
<b>Suitable for corrugated side walls</b>	Yes
<b>Belt style</b>	PU = Polyurethane
<b>Standard delivery width</b>	1829 mm / 72.01 in
<b>Longitudinal seam possible</b>	Yes

### PU120PH HCxF-NA red

#### Construction

<b>Top face material</b>	Polyurethane, hard
<b>Surface pattern</b>	Smooth
<b>Coating thickness</b>	2.03 mm / 0.08 in
<b>Color</b>	Red
<b>Driving face material</b>	Polyvinyl chloride
<b>Surface pattern</b>	Fabric
<b>Coating thickness</b>	0.1 mm / 0.004 in
<b>Color</b>	Red
<b>Tension member material</b>	Solid woven fabric of polyester spun warp and weft
<b>Number of fabric plies</b>	1
<b>Remarks to tension member</b>	Carcass impregnated with oil and fat resistant polyvinylchloride

#### Technical data

<b>Total thickness</b>	5.59 mm ± 0.28 0.22 in ± 0.011
<b>Weight</b>	6.35 kg/m <sup>2</sup> ± 0.32 1.3 lbs/ft <sup>2</sup> ± 0.065
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	7.88 N/mm / 45 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>	21 N/mm / 120 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.45
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	1
<b>Permissible operating temperature</b>	-29/82 °C -20/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	90

### PU120PH HCxF-NA red

#### 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>	No
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	<ul style="list-style-type: none"> <li>▶ Adhesive</li> <li>▶ Excellent grip</li> <li>▶ Coating/fabric high abrasion resistant</li> <li>▶ High cut resistance</li> </ul>
<b>Belt support</b>	Support rollers
<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>	Yes
<b>Profiles on top face</b>	Yes
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	Alligator®RS187; Clipper® #4; Clipper® U4; HS-26; CS-05

#### Minimum drum diameter

<b>Mechanical Alligator® fastener, bending</b>	102 mm / 4 in
<b>Mechanical Clipper® fastener, bending</b>	102 mm / 4 in
<b>Wedge overlap splice, counter-bending</b>	64 mm / 2.5 in
<b>Mechanical CS fastener, bending</b>	76 mm / 3 in
<b>Mechanical HS fastener, bending</b>	102 mm / 4 in

### PU120PH HCxF-NA red

#### Remarks

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<b>Chemical resistance</b>	U
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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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