

Product Data Sheet

PHR3-200TW BBxBB-NA black FR

Applications

Airport logistics	Airplane loading
Logistics	Accumulation conveyor; Collecting conveyor; High speed conveyor; Parcel handling; Pusher conveyor
Tyre industry	Curing

Order information

Article number	908542
Suitable for corrugated side walls	No
Belt style	PHR = Package Handling Rubber
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	No

Construction

Top face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Black
Driving face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Black
Tension member material	Fabric of polyester filament warp and weft
Number of fabric plies	3

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Technical data

Total thickness	3.81 mm \pm 0.38 0.15 in \pm 0.015
Weight	4.39 kg/m ² \pm 0.44 0.9 lbs/ft ² \pm 0.09
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	17 N/mm / 97.07 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	35 N/mm / 200 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.2
Friction coefficient of top face against steel panel according ISO 21182	0.2
Permissible operating temperature	-23/107 °C -9/225 °F

Properties

Lateral stiffness	Exceptionally laterally stiff
Troughable	No
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Low noise
Particular surface properties	► Not adhesive
Belt support	Slider bed (support rollers possible)
UV resistance	Improved

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	HS-25; CS-06

Minimum drum diameter

Mechanical fastener, bending	76 mm / 3 in
Wedge overlap splice bending, needled	126 mm / 5 in
Wedge overlap splice, bending	127 mm / 5 in

Remarks

Chemical resistance	Low
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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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