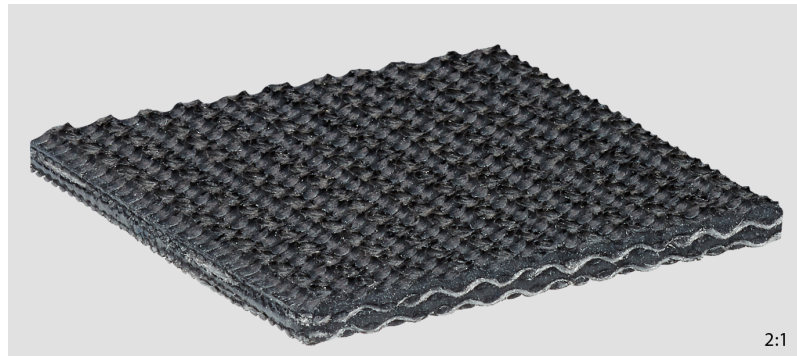


Product Data Sheet

PHR2-160 MRTxBB-NA black FR



Art. No.: 908205

M 1:2

Applications

Airport logistics	Airplane loading; Tray conveyor
General material handling	Inclined conveying of unit goods / containers; Waste conveyor, recycling conveyor
Glass industry	Flat glass Conveying
Logistics	Acceleration conveyor; Braking conveyor; Parcel handling
Metalworking & automotive industry	Blank conveying/stacking systems; Press-in-feed/inter-press conveyors; Vacuum conveyors
Wood industry	

Order information

Article number	908205
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 MRTxBB-NA black FR

Construction

Top face material	Styrene butadiene rubber
Surface pattern	Rough-top, mini
Coating thickness	1.52 mm / 0.06 in
Color	Black
Driving face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Brown
Tension member material	Fabric of polyester filament warp and weft
Weave pattern	2

Technical data

Total thickness	3.48 mm ± 0.35 0.137 in ± 0.014
Weight	3.71 kg/m ² ± 0.37 0.76 lbs/ft ² ± 0.076
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	7.5 N/mm / 42.83 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	28 N/mm / 160 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.2
Permissible operating temperature	-29/107 °C -20/225 °F

PHR2-160 MRTxBB-NA black FR

Properties

Lateral stiffness	Conditionally laterally stiff
Troughable	Limited
Suitable for accumulation	No
Inclined conveying	Yes
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	► Medium Grip
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	No
Profiles on underside	Yes
Mechanical fasteners	HS-05; HS-03; CS-05; HS-22; HS-24

Minimum drum diameter

Wedge overlap splice, counter-bending	152 mm / 6 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.

PHR2-160 MRTxBB-NA black FR

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