

Product Data Sheet

PHR2-160 GRADE II 5/64MCLxBB-NA black

Applications

General material handling	Horizontal conveying and inclined conveying of small components / bulky goods
----------------------------------	---

Order information

Article number	908853
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	Styrene butadiene rubber, grade II
Surface pattern	Mini cleat
Coating thickness	1.98 mm / 0.078 in
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	2

PHR2-160 GRADE II 5/64MCLxBB-NA black

Technical data

Total thickness	4.04 mm ± 0.38 0.159 in ± 0.015
Weight	7.32 kg/m ² ± 0.73 1.5 lbs/ft ² ± 0.15
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	11 N/mm / 62.81 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	-23/93 °C -9/199 °F

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	No
Noise development	Normal
Particular surface properties	► Coating/fabric abrasion resistant
Coating/fabric exceptionally cut resistant	Yes
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
-----------------------	---

Obsolet - deleted from product range

PHR2-160 GRADE II 5/64MCLxBB-NA black

Fabrication

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

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

Remarks

Chemical resistance	Low
---------------------	-----

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.

Date of last change: 3/14/2024 10:38:30 AM

Obsolet - deleted from product portfolio