

Product Data Sheet

PVK125 LT LRxFS-NA black FR

Applications

General material handling	Horizontal conveying also at low temperatures; Inclined conveying of bulk goods also at low temperatures; Inclined conveying of unit goods / containers
Logistics	Feeder conveyor/ Transfer conveyor ; Parcel handling; Start-Stop conveyor
Wood industry	

Order information

Article number	908141
Suitable for corrugated side walls	No
Belt style	PVK = Package Handling PVC
Standard delivery width	2400 mm / 94.49 in
Longitudinal seam possible	Yes

Construction

Top face material	Polyvinyl chloride, low durometer
Surface pattern	Longitudinal rib
Coating thickness	1.52 mm / 0.06 in
Color	Black
Driving face material	Polyester fabric, brushed
Surface pattern	Fabric, coarse
Color	Black
Tension member material	Solid woven fabric of polyester spun warp and weft
Number of fabric plies	1

PVK125 LT LRxFS-NA black FR

Technical data

Total thickness	4.8 mm ± 0.24 0.189 in ± 0.009
Weight	4.95 kg/m ² ± 0.25 1.014 lbs/ft ² ± 0.051
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	12.26 N/mm / 70 lbf/in
Recommended Elongation at fitting min.	0.75 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	21 N/mm / 120 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.28
Permissible operating temperature	-40/82 °C -40/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	45

Properties

Lateral stiffness	Laterally stiff
Troughable	No
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	► Excellent grip
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

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

PVK125 LT LRxFS-NA black FR

Fabrication

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS125; Clipper® #2; Clipper® #3; HS-146

Minimum drum diameter

Z-splice, counter-bending	51 mm / 2 in
Mechanical Alligator® fastener, bending	76 mm / 3 in
Mechanical Clipper® fastener, bending	51 mm / 2 in

Remarks

- ▶ Especially suitable for low temperatures.
- ▶ Lower noise at belt return/counter-bending compared to RT/ MRT pattern.

Chemical resistance	V
----------------------------	---

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: 10/25/2024 9:19:05 AM