TECHNICAL DATA SHEET

OKFO908105

1-ply polyvinyl chloride conveyor belt · Black rough-top, mini · 4.83 mm
Flame retardant

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01 CONSTRUCTION

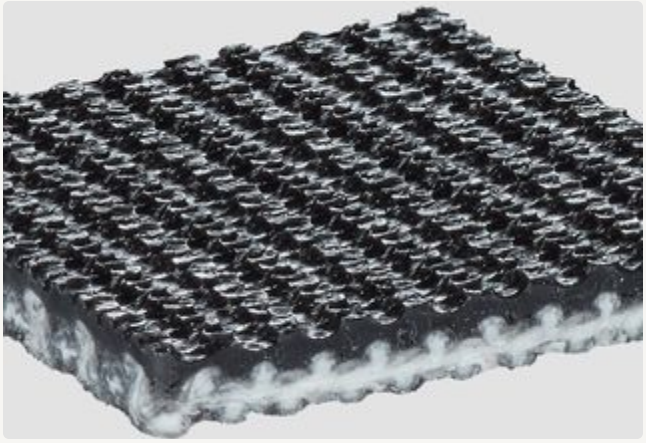
TOP COVER	Material	Polyvinyl chloride
	Surface	Rough-top, mini
	Colour	Black
CARCASS	Fabric	Solid woven fabric of polyester spun warp and weft
	Number of plies	1
BOTTOM	Material	Polyester fabric, brushed
	Surface	Fabric, coarse
	Colour	Black

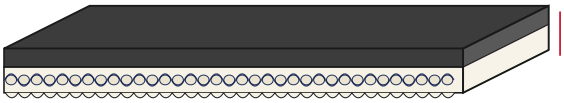
02 TECHNICAL SPECIFICATIONS

Total thickness	**4.83**	mm	*0.19*	*in.*
Weight				**1 lb/ft²**
Load at 1% elongation	**12.26**	N/mm	*70.0*	*lbs/in.*
Working tension	**120**	PIW	*21.0*	*N/mm*
Temperature — minimum (1)	**–18**	°C	*0*	*°F*
Temperature — maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**2000**	mm	*79*	*in.*
Coefficient of friction				**Top 1 / drive side 0.23**
Lateral stiffness				**Laterally stiff**
Running noise				**Normal**

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*





■ **POLYVINYL CHLO COVER** black · rough-top, mini
□ **1-PLY POLYESTER** solid woven fabric of polyes
□ **FABRIC DRIVE FACE** fabric, coarse · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 4.83 MM / 0.19 IN.

04 PROPERTIES

Flame retardant	**YES**
Troughed conveying	NO
Accumulation conveying	NO
Curved conveyor	NO

05 APPLICATION

Airport logistics; General material handling (Inclined conveying of unit goods / containers); Logistics (Braking conveyor; Start-Stop conveyor); Machinery (Vacuum conveyors); Paper & corrugated cardboard industry

Oriontek service: supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.

NOTES (1) Operating the belt at its limit values may reduce service life. (2) Minimum pulley diameters depend on belt tension and on the splice or fastener specified by Oriontek.

DISCLAIMER Values are nominal. They describe the product as tested and do not necessarily reflect conditions of industrial use, nor do they guarantee suitability for a specific application. The customer remains responsible for correct selection and use. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.