TECHNICAL DATA SHEET

OKFO908111

1-ply polyvinyl chloride impregnation conveyor belt · Black fabric, coarse · 5.08 mm
Flame retardant

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01 CONSTRUCTION

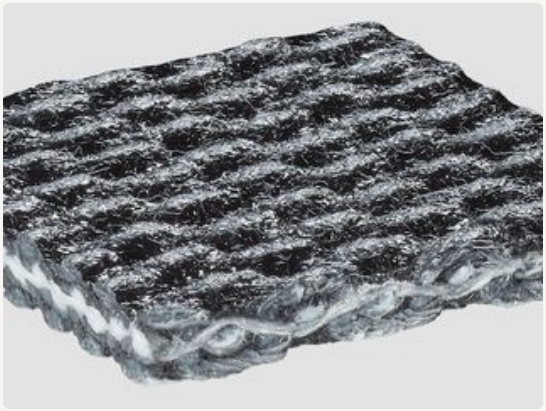
TOP COVER	Material	**Polyvinyl chloride impregnation**
	Surface	**Fabric, coarse**
	Colour	**Black**
CARCASS	Fabric	**Solid woven fabric of polyester spun and filament warp and weft**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric, brushed**
	Surface	**Fabric, coarse**
	Colour	**Black**

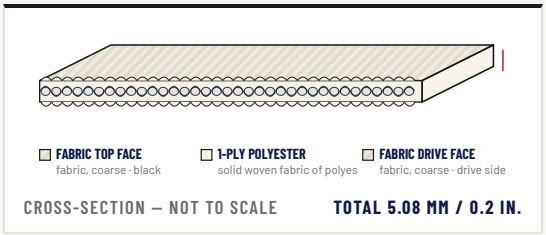
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.08**	mm	*0.2*	*in.*
Weight			**1.1 lb/ft²**	
Load at 1% elongation	**19.26**	N/mm	*110.0*	*lbs/in.*
Working tension	**200**	PIW	*35.0*	*N/mm*
Temperature — minimum (1)	**–18**	°C	*0*	*°F*
Temperature — maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**1829**	mm	*72*	*in.*
Coefficient of friction			**Top 0.28 / drive side 0.23**	
Lateral stiffness			**Exceptionally laterally stiff**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**89**	mm	*3.50*	*in.*
■ Back-flex (counter-bending) pulley	**127**	mm	*5.00*	*in.*





CROSS-SECTION — NOT TO SCALE — **TOTAL 5.08 MM / 0.2 IN.**

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Luggage transport behind check-in); Automotive (Press-in-feed/inter-press conveyors); Building material industry (Application Missing); General material handling (Waste conveyor, recycling conveyor); Logistics (Accumulation conveyor; Collecting conveyor;); Parcel handling; Pusher conveyor; Steel (Transport of metal parts); Wood 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.