TECHNICAL DATA SHEET

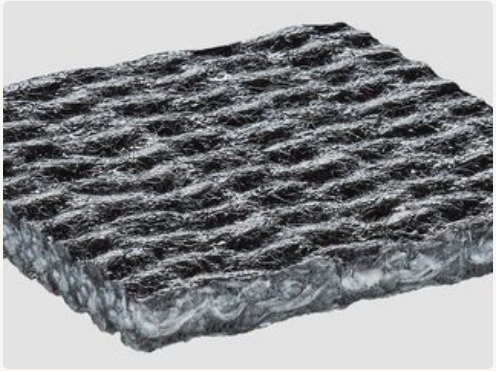
OKFO908125

1-ply polyvinyl chloride impregnation conveyor belt · Black fabric, coarse · 4.57 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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





CROSS-SECTION — NOT TO SCALE

TOTAL 4.57 MM / 0.18 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**4.57**	mm	*0.18*	*in.*
Weight			**0.91 lb/ft²**	
Load at 1% elongation	**13.13**	N/mm	*75.0*	*lbs/in.*
Working tension	**150**	PIW	*26.2*	*N/mm*
Temperature — minimum [1]	**–18**	°C	*0*	*°F*
Temperature — maximum [1]	**82**	°C	*180*	*°F*
Max. production width	**2400**	mm	*94*	*in.*
Coefficient of friction			**Top 0.28 / 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.*

04 PROPERTIES

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

05 APPLICATION

Airport logistics; Automotive (Press-in-feed/inter-press conveyors); General material handling (Conveying of sticky / adhesive goods); Logistics (Accumulation conveyor; Collecting conveyor;); Parcel handling; Pusher conveyor; Plastics (Sandwich conveyor); Steel (Aluminium sash conveying; Conveying); stamping waste; Transport of metal parts; Tire/Rubber (Batch-off; Curing; Quality control / storage); 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.