TECHNICAL DATA SHEET

OKFO908104

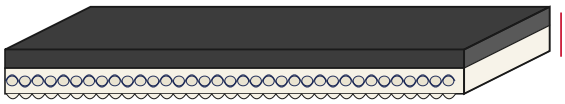
1-ply polyvinyl chloride, hard conveyor belt · Black smooth · 3.94 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	Polyvinyl chloride, hard
	Surface	Smooth
	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





POLYVINYL CHLO COVER — black · smooth
1-PLY POLYESTER — solid woven fabric of polyes
FABRIC DRIVE FACE — fabric, coarse · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 3.94 MM / 0.155 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	3.94	mm	0.155	in.
Weight			0.9 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	1829	mm	72	in.
Coefficient of friction			Top 0.65 / drive side 0.23	
Lateral stiffness			Laterally stiff	
Running noise			Normal	

03 MINIMUM PULLEY DIAMETER (2)

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

04 PROPERTIES

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

05 APPLICATION

Airport logistics; Building material industry (Cutters for plasterboard, cement fibreboard and cardboards, bitumen film, veneer); General material handling (Horizontal conveying); Glass industry; Logistics (Telescopic conveyor); Machinery; Paper & corrugated cardboard industry; 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.