TECHNICAL DATA SHEET

OKFO908106

1-ply polyvinyl chloride, low durometer conveyor belt · Black rough-top, fabric embossing · 7.62 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyvinyl chloride, low durometer**
	Surface	**Rough-top, fabric embossing**
	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**

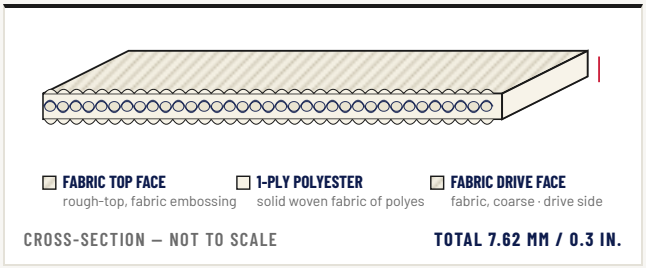
02 TECHNICAL SPECIFICATIONS

Total thickness	**7.62**	mm	*0.3*	*in.*
Weight			**1.3 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 1 / 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.*





CROSS-SECTION – NOT TO SCALE — **TOTAL 7.62 MM / 0.3 IN.**

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Check-in conveyor); Building material industry (Brick conveying / Tiles conveying / Stone); transport; General material handling (Inclined conveying of unit goods / containers;); Waste conveyor, recycling conveyor; Logistics (Acceleration conveyor; Braking conveyor;); Start-Stop conveyor; Steel (Blank conveying/stacking systems); 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.