TECHNICAL DATA SHEET

OKFO908139

1-ply polyester conveyor belt · Black fabric, coarse · 3.56 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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

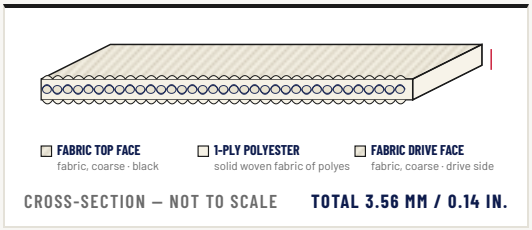
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.56**	mm	*0.14*	*in.*
Weight			**0.68 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)	**160**	°C	*320*	*°F*
Max. production width	**2400**	mm	*94*	*in.*
Coefficient of friction			**Top 0.22 / drive side 0.22**	
Lateral stiffness			**Laterally stiff**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**38**	mm	*1.50*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*





CROSS-SECTION — NOT TO SCALE **TOTAL 3.56 MM / 0.14 IN.**

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Luggage transport behind check-in); General material handling (Conveying of sticky / adhesive goods); Logistics (Collecting conveyor; Pusher conveyor); Tire/Rubber (Batch-off; Curing; Quality control / storage)

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.