TECHNICAL DATA SHEET

OKFO908208

3-ply resorcinol formaldehyde latex impregnation conveyor belt · Black fabric · 4.4 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	Resorcinol formaldehyde latex impregnation
	Surface	Fabric
	Colour	Black
CARCASS	Fabric	Fabric of polyester filament warp and monofilament weft
	Number of plies	3
BOTTOM	Material	Resorcinol formaldehyde latex impregnation
	Surface	Fabric
	Colour	Black

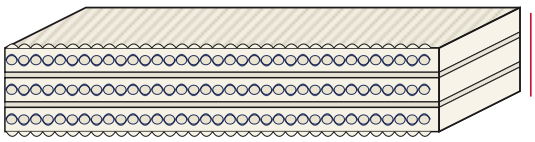
02 TECHNICAL SPECIFICATIONS

Total thickness	**4.4**	mm	*0.173*	*in.*
Weight			**0.925 lb/ft²**	
Load at 1% elongation	**10.51**	N/mm	*60.0*	*lbs/in.*
Working tension	**135**	PIW	*23.6*	*N/mm*
Temperature — minimum (1)	**–29**	°C	*–20*	*°F*
Temperature — maximum (1)	**107**	°C	*225*	*°F*
Max. production width	**1829**	mm	*72*	*in.*
Coefficient of friction			**Top 0.18 / drive side 0.18**	
Lateral stiffness			**Exceptionally laterally stiff**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**102**	mm	*4.02*	*in.*
■ Back-flex (counter-bending) pulley	**127**	mm	*5.00*	*in.*





FABRIC TOP FACE — fabric · black
3-PLY POLYESTER — fabric of polyester filament
FABRIC DRIVE FACE — fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 4.4 MM / 0.173 IN.

04 PROPERTIES

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

05 APPLICATION

Chemistry; General material handling (Horizontal conveying); Logistics (Accumulation conveyor; Collecting conveyor; High speed conveyor; Parcel handling; Pusher conveyor); Machinery; Paper & corrugated cardboard industry; Tire/Rubber (Batch-off; Mixing belt, check-weigher belt; Quality control / storage; Rubber extrusion & cooling)

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.