TECHNICAL DATA SHEET

OKFO908210

3-ply resorcinol formaldehyde latex impregnation conveyor belt · Black fabric · 4.72 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 weft**
	Number of plies	**3**
BOTTOM	Material	**Resorcinol formaldehyde latex impregnation**
	Surface	**Fabric**
	Colour	**Black**

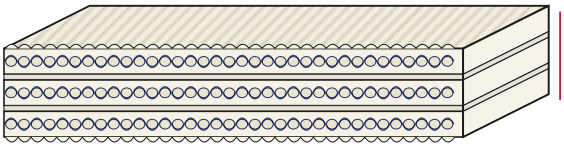
02 TECHNICAL SPECIFICATIONS

Total thickness	**4.72**	mm	*0.186*	*in.*
Weight			**1.137 lb/ft²**	
Load at 1% elongation	**21.89**	N/mm	*125.0*	*lbs/in.*
Working tension	**265**	PIW	*46.4*	*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 0.16 / drive side 0.16**	
Lateral stiffness			**Exceptionally laterally stiff**	
Running noise			**Low noise**	

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**203**	mm	*7.99*	*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 4.72 MM / 0.186 IN.

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Luggage transport behind check-in); Building material industry (Application Missing); General material handling (Horizontal conveying); Logistics (Accumulation conveyor; Collecting conveyor;); Parcel handling; Pusher conveyor; Machinery

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.