TECHNICAL DATA SHEET

OKFO908203

2-ply resorcinol formaldehyde latex impregnation conveyor belt · Black fabric · 2.29 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	**2**
BOTTOM	Material	**Resorcinol formaldehyde latex impregnation**
	Surface	**Fabric**
	Colour	**Black**

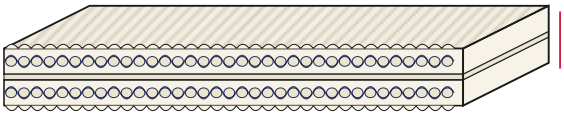
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.29**	mm	*0.09*	*in.*
Weight			**0.54 lb/ft²**	
Load at 1% elongation	**7.88**	N/mm	*45.0*	*lbs/in.*
Working tension	**160**	PIW	*28.0*	*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			**Laterally flexible**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**127**	mm	*5.00*	*in.*
■ Back-flex (counter-bending) pulley	**152**	mm	*5.98*	*in.*





FABRIC TOP FACE
fabric · black

2-PLY POLYESTER
fabric of polyester filament

FABRIC DRIVE FACE
fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 2.29 MM / 0.09 IN.

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Check-in conveyor); General material handling (Troughed conveyor belt); Logistics (Accumulation conveyor; Pusher conveyor); Machinery; Paper & corrugated cardboard industry (Paper rollsconveying)

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.