TECHNICAL DATA SHEET

OKFO908205

2-ply styrene butadiene rubber conveyor belt · Black rough-top, mini · 3.68 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Styrene butadiene rubber**
	Surface	**Rough-top, mini**
	Colour	**Black**
CARCASS	Fabric	**Fabric of polyester filament warp and weft**
	Number of plies	**2**
BOTTOM	Material	**Resorcinol formaldehyde latex impregnation**
	Surface	**Fabric**
	Colour	**Brown**

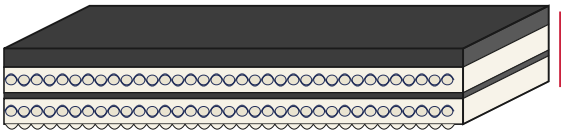
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.68**	mm	*0.145*	*in.*
Weight			**0.825 lb/ft²**	
Load at 1% elongation	**8.76**	N/mm	*50.0*	*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 1 / drive side 0.2**	
Lateral stiffness			**Conditionally laterally stiff**	
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.*





CROSS-SECTION – NOT TO SCALE — **TOTAL 3.68 MM / 0.145 IN.**

04 PROPERTIES

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

05 APPLICATION

Airport logistics (Airplane loading; Tray conveyor); Automotive (Press-in-feed/inter-press conveyors); General material handling (Inclined conveying of unit goods / containers;); Waste conveyor, recycling conveyor; Glass industry (Flat glass Conveying); Logistics (Acceleration conveyor; Braking conveyor;); Parcel handling; Machinery (Vacuum conveyors); 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.