TECHNICAL DATA SHEET

OKFO908216

3-ply styrene butadiene rubber conveyor belt · Black light impression · 5.08 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Styrene butadiene rubber**
	Surface	**Light impression**
	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**

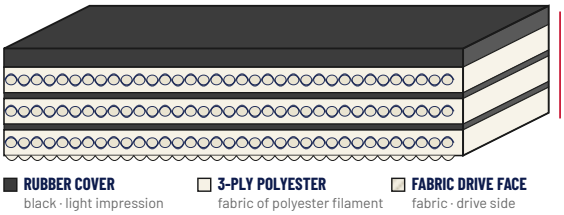
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.08**	mm	*0.2*	*in.*
Weight			**1.25 lb/ft²**	
Load at 1% elongation	**18.39**	N/mm	*105.0*	*lbs/in.*
Working tension	**200**	PIW	*35.0*	*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 0.16**	
Lateral stiffness			**Exceptionally laterally stiff**	
Running noise			**Low noise**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**125**	mm	*4.92*	*in.*
■ Back-flex (counter-bending) pulley	**200**	mm	*7.87*	*in.*





CROSS-SECTION – NOT TO SCALE

TOTAL 5.08 MM / 0.2 IN.

04 PROPERTIES

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

05 APPLICATION

Building material industry (Brick conveying / Tiles conveying / Stone transport); Chemistry; General material handling (Horizontal conveying); Paper & corrugated cardboard industry; Steel (Conveying stamping waste); Wood industry (Board conveying)

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.