TECHNICAL DATA SHEET

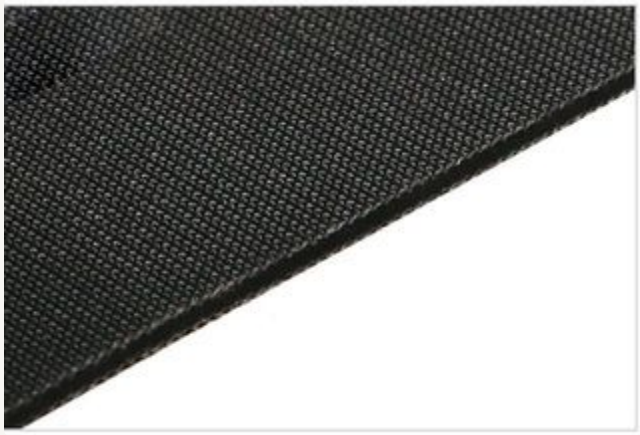
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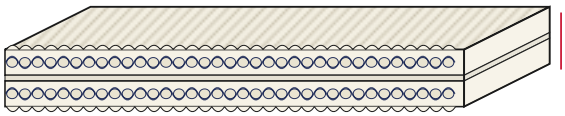
2-ply rfl fabric conveyor belt · Black impregnated fabric · 2.8 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**RFL fabric**
	Surface	**Impregnated fabric**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)/Polyamide (PA) fabric**
	Number of plies	**2**
BOTTOM	Material	**Polyester (PET)/Polyamide (PA) fabric**
	Surface	**Impregnated fabric**
	Colour	**Black**





FABRIC TOP FACE — impregnated fabric · black
2-PLY POLYESTER — polyester (pet)/polyamide (p
FABRIC DRIVE FACE — impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 2.8 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.8**	mm	*0.110*	*in.*
Weight			**3.3 kg/m²**	
Load at 1% elongation	**8.5**	N/mm	*48.5*	*lbs/in.*
Temperature — minimum (1)	**–29**	°C	*–20*	*°F*
Temperature — maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**1981**	mm	*78*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*

04 PROPERTIES

Antistatic	**YES**
Flame retardant	**YES**
Slider bed	**YES**
Roller bed	**YES**

05 APPLICATION

Features: Cut resistant, Flame retardant, High abrasion resistance, Wear resistant. Typical uses: Accumulation belt, Diverting belt, Light package handling, Transfer belt. Industries: Airport, Distribution centers, Parcel distribution / Overnight carrier. Admissible tensile force 13 N/mm.

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.