TECHNICAL DATA SHEET

OKUB330221

2-ply TPO food-grade conveyor belt · White matt · 1.10 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	Polyolefin
	Surface	Matt
	Colour	White
	Hardness	92 Shore A
CARCASS	Fabric	Non-Fray Polyester Fabric
	Number of plies	2
BOTTOM	Material	Non-Fray Polyester Fabric
	Surface	Impregnated
	Colour	White

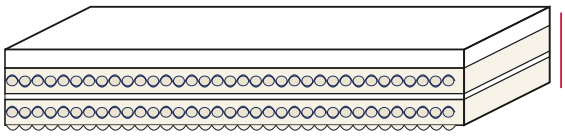
02 TECHNICAL SPECIFICATIONS

Total thickness	1.10	mm	*0.043*	*in.*
Weight	1.00 kg/m² 0.2 lb/ft²			
Load at 1% elongation	4	N/mm	*22.8*	*lbs/in.*
Temperature – minimum (1)	−40	°C	*−40*	*°F*
Temperature – maximum (1)	60	°C	*140*	*°F*
Max. production width	3000	mm	*118*	*in.*
Coefficient of friction	0.20			

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	6.00	mm	*0.24*	*in.*
■ Back-flex (counter-bending) pulley	20.00	mm	*0.79*	*in.*





☐ TPO COVER — white · matt
☐ 2-PLY POLYESTER — non-fray polyester fabric
☐ FABRIC DRIVE FACE — impregnated · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.10 MM / 0.043 IN.

04 PROPERTIES

FDA compliant compound	YES
USDA meat & poultry	NO
USDA dairy	NO
Flame retardant	NO
Cross rigid	NO

05 APPLICATION

Extremely flexible non fray construction suitable for small nose bars offers fantastic release of a wide variety of sticky materials. Product is easy to clean, hydrolysis resistant and abrasive resistant for great longevity and dependability.

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.