TECHNICAL DATA SHEET

OKUB100130

1-ply silicone food-grade conveyor belt · White matt · 1.20 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

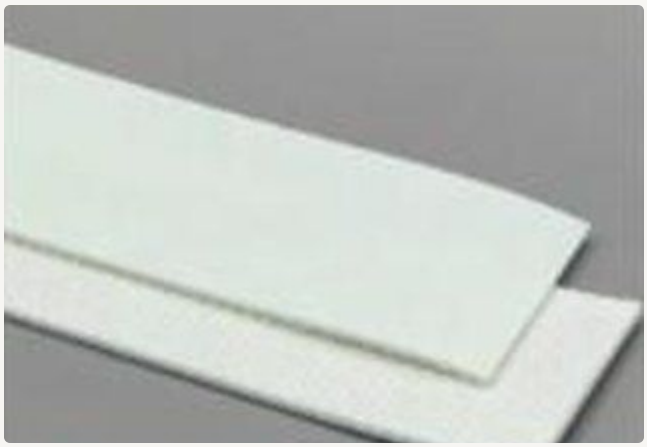
TOP COVER	Material	PU/Silicone Blend
	Surface	Matt
	Colour	White
	Hardness	85 Shore A
CARCASS	Fabric	Non-Fray Polyester Fabric
	Number of plies	1
BOTTOM	Material	Non-Fray Polyester Fabric
	Surface	PU Impregnated
	Colour	White

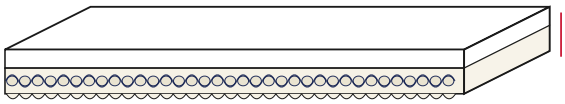
02 TECHNICAL SPECIFICATIONS

Total thickness	1.20	mm	*0.047*	*in.*
Weight	1.20 kg/m² 0.25 lb/ft²			
Load at 1% elongation	6	N/mm	*34.3*	*lbs/in.*
Temperature – minimum (1)	−20	°C	*−4*	*°F*
Temperature – maximum (1)	100	°C	*212*	*°F*
Max. production width	3200	mm	*126*	*in.*
Coefficient of friction	0.25			

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	8.00	mm	*0.31*	*in.*
■ Back-flex (counter-bending) pulley	16.00	mm	*0.63*	*in.*





☐ SILICONE COVER — white · matt
☐ 1-PLY POLYESTER — non-fray polyester fabric
☐ FABRIC DRIVE FACE — pu impregnated · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.20 MM / 0.047 IN.

04 PROPERTIES

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

05 APPLICATION

Abrasive resistant top cover with excellent release qualities enhanced by recommended use of a belt scraper.

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.