TECHNICAL DATA SHEET

OKUB320100

1-ply silicone food-grade conveyor belt · White glossy · 1.10 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Silicone**
	Surface	**Glossy**
	Colour	**White**
	Hardness	**30 Shore A**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**1**
BOTTOM	Material	**Polyester Fabric**
	Surface	**PU Impregnated**
	Colour	**White**

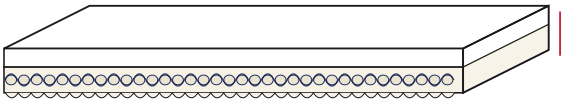
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.10**	mm	*0.043*	*in.*
Weight	**1.05 kg/m² 0.22 lb/ft²**			
Load at 1% elongation	**3**	N/mm	*17.1*	*lbs/in.*
Temperature – minimum (1)	**–30**	°C	*–22*	*°F*
Temperature – maximum (1)	**100**	°C	*212*	*°F*
Max. production width	**3080**	mm	*121*	*in.*
Coefficient of friction	**0.17**			

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**8.00**	mm	*0.31*	*in.*
■ Back-flex (counter-bending) pulley	**24.00**	mm	*0.94*	*in.*





☐ **SILICONE COVER** white · glossy
☐ **1-PLY POLYESTER** polyester fabric
☐ **FABRIC DRIVE FACE** pu 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	**YES**

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.