TECHNICAL DATA SHEET

OKUB100120

1-ply pu food-grade conveyor belt · White glossy · 0.80 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	PU
	Surface	Glossy
	Colour	White
	Hardness	85 Shore A
CARCASS	Fabric	Polyester Fabric
	Number of plies	1
BOTTOM	Material	Polyester Fabric
	Surface	PU Impregnated
	Colour	Transparent

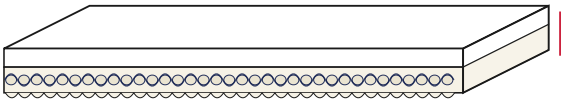
02 TECHNICAL SPECIFICATIONS

Total thickness	**0.80**	mm	*0.031*	*in.*
Weight	**0.85 kg/m² 0.17 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	**3200**	mm	*126*	*in.*
Coefficient of friction	**0.25**			

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**6.00**	mm	*0.24*	*in.*
■ Back-flex (counter-bending) pulley	**8.00**	mm	*0.31*	*in.*





☐ **PU COVER** white · glossy
☐ **1-PLY POLYESTER** polyester fabric
☐ **FABRIC DRIVE FACE** pu impregnated · drive side

CROSS-SECTION – NOT TO SCALE

TOTAL 0.80 MM / 0.031 IN.

04 PROPERTIES

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

05 APPLICATION

Medium weight one ply for optimum durability, thermal conductivity, and longevity on a variety of applications from cooling tunnels to

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.