TECHNICAL DATA SHEET

OKHBPM100-W

1-ply polyester food-grade conveyor belt · White impregnated fleece · 2.5 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester felt**
	Surface	**Impregnated fleece**
	Colour	**White**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Polyester felt**
	Surface	**Impregnated fleece**
	Colour	**White**

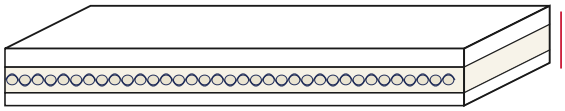
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.5**	mm	*0.098*	*in.*
Weight			**1.8 kg/m²**	
Load at 1% elongation	**6.8**	N/mm	*38.8*	*lbs/in.*
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**2000**	mm	*79*	*in.*
Coefficient of friction			**Drive side on steel 0.20**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**25**	mm	*0.98*	*in.*
■ Back-flex (counter-bending) pulley	**25**	mm	*0.98*	*in.*





☐ **POLYESTER COVER** white · impregnated fleece
☐ **1-PLY POLYESTER** polyester (pet) scrim
☐ **POLYESTER COVER** white · impregnated fleece ·

CROSS-SECTION — NOT TO SCALE

TOTAL 2.5 MM / IN.

04 PROPERTIES

FDA compliant compound	**YES**
EU 10/2011	**YES**
Metal detector friendly	**YES**
Slider bed	**YES**
Roller bed	**YES**
Troughed	**YES**
Power turns	**YES**
Low noise	**YES**

05 APPLICATION

Features: Abrasion resistant on both sides, Adhesive-free joint, Chemical resistant, Cut resistant, Edges wear resistant. Typical uses: Biscuit/Cookie pre-oven applications, Food processing/conveying belt, Miniconveyor belt. Industries: Biscuit and Crackers, Bread, Frozen food, Pasta, Primary food packaging, Vegetables. Admissible tensile force 4.7 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.