TECHNICAL DATA SHEET

OKHBPU12BE

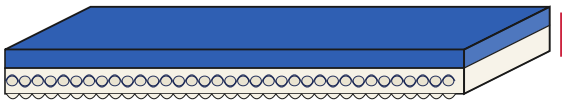
1-ply PU food-grade conveyor belt · Cobalt blue grit structure · 2.0 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**TPU**
	Surface	**Grit structure**
	Colour	**Cobalt blue**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric**
	Surface	**Fabric**
	Colour	**White**





PU COVER cobalt blue · grit structure
1-PLY POLYESTER polyester (pet)
FABRIC DRIVE FACE fabric · drive side

CROSS-SECTION — NOT TO SCALE
TOTAL 2.0 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.0**	mm	*0.079*	*in.*
Weight			**1.9 kg/m²**	
Load at 1% elongation	**1.8**	N/mm	*10.3*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**90**	°C	*194*	*°F*
Max. production width	**1020**	mm	*40*	*in.*
Coefficient of friction			**Drive side on steel 0.25**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**25**	mm	*0.98*	*in.*

04 PROPERTIES

FDA compliant compound	**YES**
EU 10/2011	**YES**
Metal detector friendly	**YES**
Slider bed	**YES**
Roller bed	**YES**

05 APPLICATION

Features: Abrasion resistant, Easy cleanability, Edges wear resistant, Oil and fat resistant, Small pulley diameter suitable. Typical uses: Food processing/conveying belt, Pulley lagging. Admissible tensile force 4.6 N/mm. Knife-edge radius 7 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.

SOLUTIONS@ORIONTEK.US · 786-440-6995 · ORIONTEK.US