TECHNICAL DATA SHEET

OKHBXVT-2347

2-ply PU food-grade conveyor belt · Black quadrillé (quadrangular) structure · 1.6 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

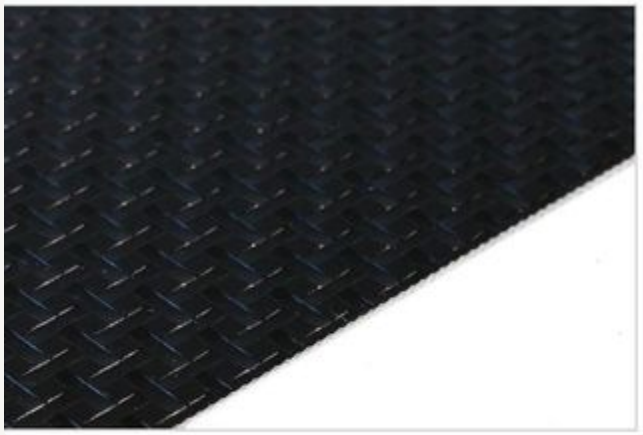
TOP COVER	Material	TPU
	Surface	Quadrillé (quadrangular) structure
	Colour	Black
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	Polyester fabric
	Surface	Impregnated fabric
	Colour	Off-white

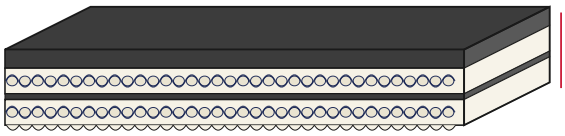
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.6**	mm	*0.063*	*in.*
Weight			**1.6 kg/m²**	
Load at 1% elongation	**6.5**	N/mm	*37.1*	*lbs/in.*
Temperature — minimum (1)	**–30**	°C	*–22*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**4000**	mm	*157*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**30**	mm	*1.18*	*in.*





PU COVER
black · quadrillé (quadrangu

2-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 1.6 MM / IN.

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES
Slider bed	YES
Roller bed	YES
Low noise	YES

05 APPLICATION

Features: Abrasion resistant, Antistatic, Constant and gentle positive grip, Dimensionally stable, Flat laying, Low noise applications suitable, Small pulley diameter suitable. Typical uses: Decline belt, Incline belt, Induction belt, Sorting belt, Transfer belt. Industries: Distribution centers, General conveying, Letter sorting. Admissible tensile force 13 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.