TECHNICAL DATA SHEET

OKHBNNT-12ECDV

2-ply PVC conveyor belt · Dark green impregnated fabric · 2.3 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

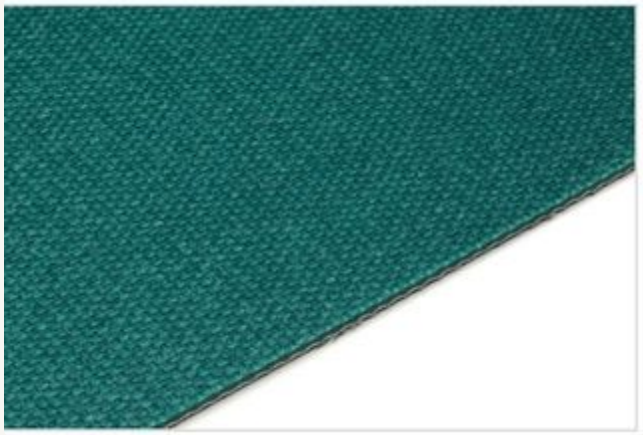
TOP COVER	Material	PVC
	Surface	Impregnated fabric
	Colour	Dark green
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	TPU
	Surface	Impregnated fabric
	Colour	Black

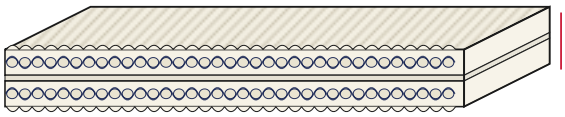
02 TECHNICAL SPECIFICATIONS

Total thickness	2.3	mm	*0.091*	*in.*
Weight			2.3 kg/m²	
Load at 1% elongation	7	N/mm	*40.0*	*lbs/in.*
Temperature — minimum (1)	–10	°C	*14*	*°F*
Temperature — maximum (1)	80	°C	*176*	*°F*
Max. production width	2700	mm	*106*	*in.*
Coefficient of friction			Drive side on steel 0.15	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	80	mm	*3.15*	*in.*
■ Back-flex (counter-bending) pulley	80	mm	*3.15*	*in.*





FABRIC TOP FACE
impregnated fabric · dark gr

2-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 2.3 MM / IN.

04 PROPERTIES

Antistatic	YES
Slider bed	YES
Roller bed	YES
Troughed	YES
Power turns	YES
Low noise	YES

05 APPLICATION

Features: Abrasion resistant, Antistatic, Cut resistant, Low friction conveying side, Low noise applications suitable, Powerturn suitable. Typical uses: Accumulation belt, Induction belt, Merge belt, Powerturn belt, Spiral belt, Transfer belt. Industries: Distribution centers, General conveying, Letter sorting, Marble and stone. Admissible tensile force 8.0 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.