TECHNICAL DATA SHEET

OKBE2N271

PVC conveyor belt · Petrol glossy · 3.2 mm

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ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

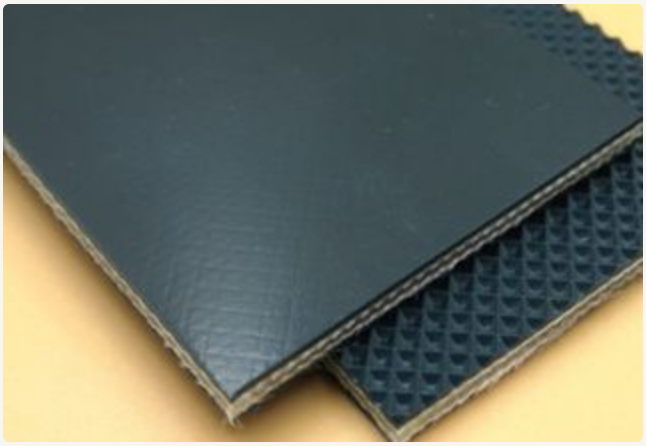
TOP COVER	Material	PVC 80 Shore A (0.7mm)
	Surface	Glossy
	Colour	Petrol
CARCASS	Fabric	Polyester Fabric
	Number of plies	2ply
BOTTOM	Material	PVC 90 Shore A (0.55mm)
	Surface	Square pattern
	Colour	Petrol

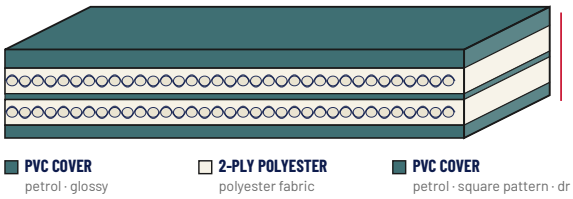
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.2**	mm	*0.126*	*in.*
Weight			**3.8 kg/m²**	
Load at 1% elongation	**12.0**	N/mm	*68.5*	*lbs/in.*
Elongation			**Standard 0.5%, max. 1.0%**	
Temperature – minimum (1)	**–10**	°C	*14*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**3000**	mm	*118*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**50**	mm	*1.97*	*in.*
■ Back-flex (counter-bending) pulley	**80**	mm	*3.15*	*in.*





CROSS-SECTION – NOT TO SCALE

TOTAL 3.2 MM / IN.

04 APPLICATION

Tensile strength 200 N/mm. Max. allowable tension 12.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Typical uses: Packaging machines; Agricultural and horticultural industry; Universal conveyor belt for general applications.

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.