TECHNICAL DATA SHEET

OKBESNTC-TW18A

PU elastic conveyor belt · Green mini rough top · 1.8 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Soft TPU**
	Surface	**Mini rough top**
	Colour	**Green**
CARCASS	Fabric	**Knit**
BOTTOM	Material	**Knit**
	Colour	**Blue**

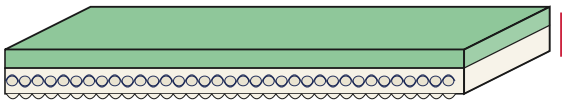
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.8**	mm	*0.071*	*in.*
Weight	**1.5 kg/m²**			
Elongation	**Standard 2.0%, max. 8.0%**			
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**1000**	mm	*39*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

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





PU COVER — green · mini rough top
1-PLY KNIT — knit
FABRIC DRIVE FACE — knit · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.8 MM / IN.

04 PROPERTIES

Antistatic	YES
Flame retardant	YES

05 APPLICATION

Tensile strength 15N/mm. Max. allowable tension 2.1N/mm. Elongation at break 150%. Max. length 90m. Splice: Finger, (10×30, 20×20). Features: No tensioning device required, High grip, Incline conveyance, Flame retardant : UL-94 HB, Flame retardant : ASTM-D378, Whisper, Slider bed, Roller bed. Typical uses: Belt on roller / MDR; Logistics; Light duty conveyor.

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.

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