TECHNICAL DATA SHEET

OKCHC172

PU conveyor belt · Green fabric · 0.90 mm
Low-friction conveying surface · Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

Manufactured in Europe to Oriontek specification. Supplied, fabricated and installed by Oriontek.

01 CONSTRUCTION

CONVEYING	Material	**Fabric, polyurethane (TPU) impregnated**
	Surface pattern	**Fabric**
	Colour	**Green**
	Coefficient of friction	**LF — low friction**
CARCASS	Material	**Polyamide (PA)**
DRIVING	Material	**Fabric, polyurethane (TPU) impregnated**
	Surface pattern	**Fabric**
	Colour	**Green**

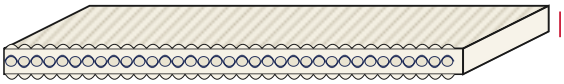
02 TECHNICAL SPECIFICATIONS

Total thickness	**0.90**	mm	*0.04*	*in.*
Weight	**0.80**	kg/m²	*0.16*	*lbs/sq.ft*
Elongation at 1%	**2.0**	N/mm	*11.0*	*lbs/in.*
Max. admissible pull	**4**	N/mm	*22.8*	*lbs/in.*
Temperature — minimum (1)	**0**	°C	*32*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width (3)	**500**	mm	*20*	*in.*

03 FRICTION — DRIVING SURFACE

Raw steel sheet	**0.20** [-]
Laminated plastic / wood	**0.25** [-]
Steel roller	**0.20** [-]
Rubberized roller	**0.30** [-]





FABRIC TOP FACE
fabric · green

1-PLY POLYAMIDE
polyamide (pa)

FABRIC DRIVE FACE
fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 0.90 MM / 0.04 IN.

04 PERFORMANCE & HANDLING

Humidity influence	**YES**
Suitable for metal detector	**NO**
Permanently antistatic, dynamic (UNI EN ISO 21179)	**YES**
Static conductivity (UNI EN ISO 284)	**NO**
Conveying on skid bed	**YES**
Conveying on rollers	**YES**
Skid bed on top *and* return	**YES**
Troughed conveying	**NO**
Curved conveyor	**NO**
Swan-neck conveying	**NO**
Inclined conveying	**NO**
Accumulation belts	**YES**
Chemical resistance rating	**6**

05 COMPLIANCE

- REACH EC 1907/2006 and amendments

06 APPROVED APPLICATIONS

- Printing and graphic — rotary printer page folding
- Paper industry — cutters
- Packaging

Notes: Conveyor belt suitable also as transmission belt for small drives. Coefficient of friction of the top cover to steel : 0.2

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 radius and diameter values depend on the joint type specified by Oriontek. (3) Maximum production width 500 mm / 20 in.; wider widths require prior authorization.

DISCLAIMER Values are laboratory results measured at +23 °C and 50% relative humidity. 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.