TECHNICAL DATA SHEET

OKCHN1140

3-ply elastomer conveyor belt · Green fl · 3.00 mm
Medium-friction conveying surface · Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

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

01 CONSTRUCTION

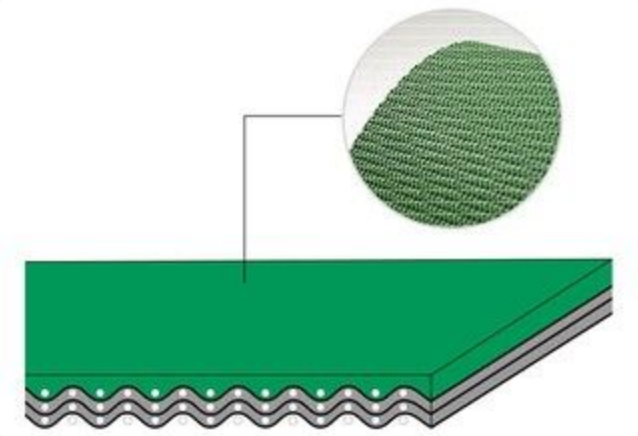
CONVEYING	Material		**Synthetic elastomer**
	Thickness	**1.00** mm	*0.039 in.*
	Surface pattern		**FL**
	Colour		**Green**
	Coefficient of friction		**MF — medium friction**
CARCASS	Material		**Polyamide (PA)**
	Number of plies		**3**
	Weft type		**Rigid**
DRIVING	Material		**Fabric, polyurethane (TPU) impregnated**
	Surface pattern		**Fabric**
	Colour		**Black**

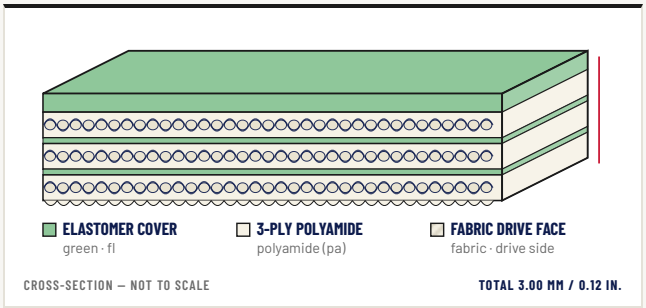
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.00**	mm	*0.12*	*in.*
Weight	**3.20**	kg/m²	*0.65*	*lbs/sq.ft*
Elongation at 1%	**6.0**	N/mm	*34.0*	*lbs/in.*
Max. admissible pull	**12**	N/mm	*68.5*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width (3)	**1800**	mm	*71*	*in.*

03 FRICTION — DRIVING SURFACE

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





CROSS-SECTION — NOT TO SCALE

TOTAL 3.00 MM / 0.12 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	**NO**
Troughed conveying	**YES**
Curved conveyor	**NO**
Swan-neck conveying	**NO**
Inclined conveying	**YES**
Accumulation belts	**NO**
Chemical resistance rating	**6**

05 COMPLIANCE

- REACH EC 1907/2006 and amendments

06 APPROVED APPLICATIONS

- Wood industry
- Printing and graphic — insertion cassettes wind./unwinding
- Steel blankets magnetic elevators
- Box folding industry — transfer
- Packaging

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 1800 mm / 71 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.