TECHNICAL DATA SHEET

OKCHN223

3-ply conveyor belt · Light blue rough · 5.50 mm
Low-friction conveying surface · Metal-detectable

ORIONTEK
ENGINEERING GOOD SOLUTIONS

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

01 CONSTRUCTION

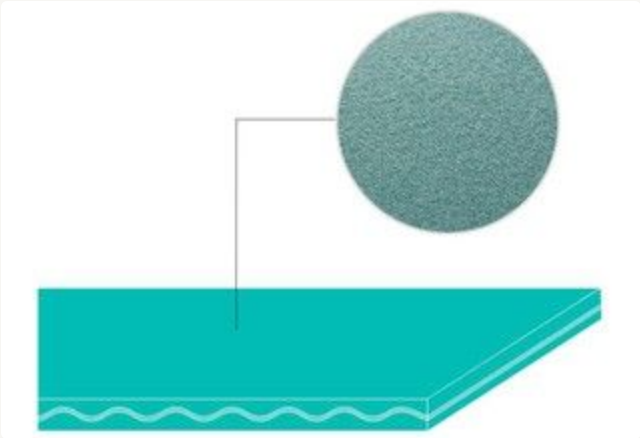
CONVEYING	Material	**Non-woven polyester (PET)**
	Surface pattern	**Rough**
	Colour	**Light blue**
	Coefficient of friction	**LF — low friction**
CARCASS	Material	**Polyester (PET)**
	Number of plies	**3**
	Weft type	**Flexible**
DRIVING	Material	**Non-woven polyester (PET)**
	Surface pattern	**Rough**
	Colour	**Light blue**

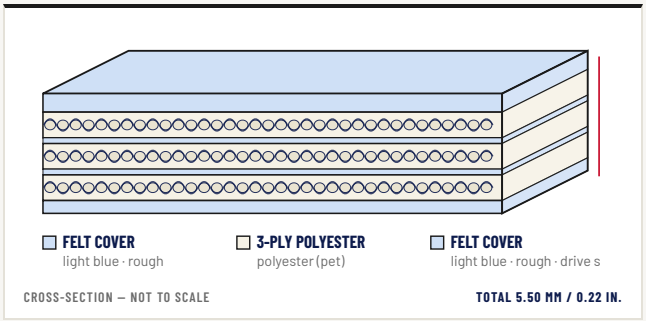
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.50**	mm	*0.22*	*in.*
Weight	**3.40**	kg/m²	*0.69*	*lbs/sq.ft*
Elongation at 1%	**10**	N/mm	*57.0*	*lbs/in.*
Max. admissible pull	**10**	N/mm	*57.1*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width (3)	**2000**	mm	*79*	*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 5.50 MM / 0.22 IN.

04 PERFORMANCE & HANDLING

Humidity influence	YES
Suitable for metal detector	YES
Permanently antistatic, dynamic (UNI EN ISO 21179)	NO
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	YES
Curved conveyor	NO
Swan-neck conveying	NO
Inclined conveying	NO
Accumulation belts	YES
Chemical resistance rating	11

05 APPROVED APPLICATIONS

- Coefficient of friction on driving surface
- Laminated plastic/wood 0.25 [-]
- Rubberized roller 0.30 [-]
- COMPLIANCES
- Raw steel sheet 0.20 [-]
- Steel roller 0.20 [-]
- Max. production width 2000 mm 79 in.
- REACH EC 1907/2006 Regulation and Amendments

Notes: Due to the product structure, these data represents a guideline only and can be changed without notice.

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 2000 mm / 79 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.