TECHNICAL DATA SHEET

OKCHN1041

2-ply food-grade conveyor belt · Natural fabric · 1.50 mm
Low-friction conveying surface · Metal-detectable

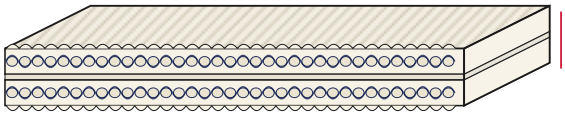
ORIONTEK
ENGINEERING GOOD SOLUTIONS

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

01 CONSTRUCTION

CONVEYING	Material	**Cotton fabric**
	Surface pattern	**Fabric**
	Colour	**Natural**
	Coefficient of friction	**LF — low friction**
CARCASS	Material	**Cotton-PET**
	Number of plies	**2**
	Weft type	**Combined**
DRIVING	Material	**Fabric polyurethane (TPU) impregnated**
	Surface pattern	**Fabric**
	Colour	**Light blue**





FABRIC TOP FACE — fabric · natural
2-PLY COTTON — cotton-pet
FABRIC DRIVE FACE — fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.50 MM / 0.06 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.50**	mm	*0.06*	*in.*
Weight	**1.40**	kg/m²	*0.29*	*lbs/sq.ft*
Elongation at 1%	**6**	N/mm	*34.0*	*lbs/in.*
Max. admissible pull	**12**	N/mm	*68.5*	*lbs/in.*
Temperature — minimum (1)	**–30**	°C	*–22*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width (3)	**2000**	mm	*79*	*in.*

03 MINIMUM RADIUS / DIAMETER (2)

Knife edge, minimum radius	**4**	mm	*0.16*	*in.*
Bending roller, min. diameter	**8**	mm	*0.31*	*in.*
Counter-bending roller, min. dia.	**16**	mm	*0.63*	*in.*

04 FRICTION — DRIVING SURFACE

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

05 PERFORMANCE & HANDLING

Humidity influence	NO
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	12

06 COMPLIANCE

- REACH EC 1907/2006 and amendments
- FDA — U.S. Food and Drug Administration
- HALAL (World Halal Authority)

07 APPROVED APPLICATIONS

- Food — bread
- Food — biscuits and crackers: rotary cutter
- Food — pizza
- Food — biscuits and crackers
- Food — sweet and salty snacks

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.