TECHNICAL DATA SHEET

OKCHN1452

2-ply PU food-grade conveyor belt · Dark blue matt · 1.30 mm
Low-friction conveying surface · Metal-detectable

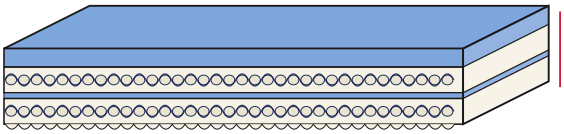
ORIONTEK
ENGINEERING GOOD SOLUTIONS

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

01 CONSTRUCTION

CONVEYING	Material		**Polyurethane (TPU)**
	Thickness	**0.20** mm	*0.008 in.*
	Surface pattern		**Matt**
	Colour		**Dark blue**
	Coefficient of friction		**LF — low friction**
CARCASS	Material		**Polyester (PET)**
	Number of plies		**2**
	Weft type		**Rigid**
DRIVING	Material		**Fabric, polyurethane (TPU) impregnated**
	Surface pattern		**Fabric**
	Colour		**White**





PU COVER dark blue · matt
2-PLY POLYESTER polyester (pet)
FABRIC DRIVE FACE fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.30 MM / 0.05 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.30**	mm	*0.05*	*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	*69.0*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width (3)	**2100**	mm	*83*	*in.*

03 MINIMUM RADIUS / DIAMETER (2)

Knife edge, minimum radius	**6**	mm	*0.24*	*in.*
Bending roller, min. diameter	**12**	mm	*0.47*	*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	NO
Troughed conveying	NO
Curved conveyor	NO
Swan-neck conveying	NO
Inclined conveying	NO
Accumulation belts	YES
Chemical resistance rating	5

06 COMPLIANCE

- REACH EC 1907/2006 and amendments
- EC 1935/2004 and amendments
- EC 2023/2006 and amendments
- EU 10/2011, 2024/3190 and amendments
- FDA — U.S. Food and Drug Administration
- HACCP (Hazard Analysis and Critical Control Points)

07 APPROVED APPLICATIONS

- Food — bakery
- Food — biscuits and crackers
- Food — pizza
- Food — bread
- Food — sweet and salty snacks

Notes: HR = High Release - The matt surface resulting from the special micro-PN texture assures excellent release properties.

Oriontek service: supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.