TECHNICAL DATA SHEET

OKCHN96

Conveyor and process belts · construction -U10 FL

ORIONTEK

ENGINEERING GOOD SOLUTIONS

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

01 COMPOSITION

CONVEYING SURFACE	
Material	**Polyurethane (TPU)**
Thickness	**0.50** mm *0.020* in.
Surface pattern	**FL**
Colour	**Green**
Coefficient of friction	**MF**

TEXTILE CARCASS	
Material	—
Plies no.	—
Weft type	—

DRIVING SURFACE	
Material	**Polyurethane (TPU)**
Thickness	**0.50** mm *0.020* in.
Surface pattern	**FL**
Colour	**Black**

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.00** mm *0.04* in.
Weight	**1.20 kg/m2 0.24 lbs./sq.ft**
Elongation at 8%	**2** N/mm *11.0* lbs./in.
Max. admissible pull	**2** N/mm *11.0* lbs./in.
Temperature resistance (1)	**min. -20 °C -4 °F · max. 60 °C 140 °F**

MINIMUM RADIUS / DIAMETER (2)

Knife edge minimum radius	NO
Bending roller min. diameter	**10** mm *0.39* in.
Counter-bending roller min. diameter	**15** mm *0.59* in.

COEFFICIENT OF FRICTION ON DRIVING SURFACE

Raw steel sheet	**0.40 [-]**
Laminated plastic/wood	**0.50 [-]**
Steel roller	**0.40 [-]**
Rubberized roller	**0.60 [-]**
Max. production width	**2000** mm *79* in.

(1) Use of the belt with limit values may reduce its life.

(2) The above mentioned values depend on the type of Oriontek joint recommended.

03 SUITABLE FOR

- Paper industry: cutters
- Printing and graphic: stacking
- Printing and graphic: gathering
- Printing and graphic: wrapping / binding
- Packaging
- Check weighers
- Postal automation
- Industrial laundries

04 FEATURES

Humidity influence	NO
Suitable to metal detector	NO
Permanent antistatic dynamically (UNI EN ISO 21179)	YES
Static conductivity (UNI EN ISO 284)	NO
Conveying on skid bed	YES
Conveying on rollers	YES
Conveying on skid bed on top and return	YES
Troughed conveying	YES
Swan neck conveying	NO
Inclined conveying	NO
Accumulators belts	NO
Curved conveyor	NO
Chemical resistances	5

05 COMPLIANCES

- REACH EC 1907/2006 Regulation and Amendments
- EC 1935/2004 Regulation and Amendments
- EC 2023/2006 Regulation and Amendments
- EU 10/2011, 2024/3190 Regulation and Amendments
- FDA (Food and Drug Administration)

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.