TECHNICAL DATA SHEET

OKCHN1111

Conveyor and process belts · construction .0 U1-U3

ORIONTEK
ENGINEERING GOOD SOLUTIONS

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

01 COMPOSITION

CONVEYING SURFACE	
Material	**Polyurethane (TPU)**
Thickness	**0.3** mm *0.012* in.
Surface pattern	**Matt**
Colour	**Green**
Coefficient of friction	**HF**

TEXTILE CARCASS	
Material	**Polyester (PET)**
Plies no.	**1**
Weft type	**Rigid**

DRIVING SURFACE	
Material	**Polyurethane (TPU)**
Thickness	**0.1** mm *0.004* in.
Surface pattern	**Matt**
Colour	**Black**

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.00** mm *0.04* in.
Weight	**1.10 kg/m2 0.22 lbs./sq.ft**
Elongation at 1%	**5** N/mm *29.0* lbs./in.
Max. admissible pull	**5** N/mm *28.6* lbs./in.
Temperature resistance (1) max. +100	**min. -20 °C -4 °F · °C 212 °F**

MINIMUM ROLLER DIAMETER (2)

Knife edge	NO
Bending roller	**10** mm *0.4* in.
Counter-bending roller	**20** mm *0.8* 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: wrapping / binding

04 FEATURES

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

05 COMPLIANCES

- REACH EC 1907/2006 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.