TECHNICAL DATA SHEET

OKCHN1386

Conveyor and process belts · construction PB-215

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	**Smooth**
Colour	**Black**
Coefficient of friction	**LF**

TEXTILE CARCASS	
Material	**Polyester (PET)**
Plies no.	**2**
Weft type	**Rigid**

DRIVING SURFACE	
Material	**Fabric with polyurethane (TPU) impregnation**
Thickness	— mm — in.
Surface pattern	**Fabric**
Colour	**Grey**

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.15** mm *0.08* in.
Weight	**2.30 kg/m2 0.47 lbs./sq.ft**
Elongation at 1%	**15** N/mm *86.0* lbs./in.
Max. admissible pull	**20** N/mm *114.2* lbs./in.
Temperature resistance (1)	**min. -20 °C -4 °F · max. 100 °C 212 °F**

MINIMUM RADIUS / DIAMETER (2)

Knife edge minimum radius	NO
Bending roller min. diameter	**80** mm *3.15* in.
Counter-bending roller min. diameter	**100** mm *3.94* in.

COEFFICIENT OF FRICTION ON DRIVING SURFACE

Raw steel sheet	**0.20 [-]**
Laminated plastic/wood	**0.25 [-]**
Steel roller	**0.20 [-]**
Rubberized roller	**0.30 [-]**
Max. production width	**2100** mm *83* 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

- Textile: printing blankets
- Printing and graphic: digital printing
- Wood industry: digital printing

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	YES
Conveying on skid bed on top and return	NO
Troughed conveying	NO
Swan neck conveying	YES
Inclined conveying	NO
Accumulators belts	YES
Curved conveyor	NO
Chemical resistances	5

05 COMPLIANCES

- REACH EC 1907/2006 Regulation and Amendments

06 NOTES

- Recommended initial tension 0.4÷0.8%

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.