TECHNICAL DATA SHEET

OKCHN1823

Conveyor and process belts · construction ProDrive S 30 LB

ORIONTEK

ENGINEERING GOOD SOLUTIONS

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

01 COMPOSITION

Description	**Monolithic belt**
Material	**Polyurethane (TPU)**
Thickness	**3.00** mm *0.12* in.
Weight	**4.80 kg/m2 0.98 lbs./sq.ft**
Surface pattern	**Matt**
Colour	**Light blue**
Coefficient of friction	**MF**

02 TECHNICAL SPECIFICATIONS

Elongation at 1% 4 N/mm	**23 lbs./in.**
Pitch —- ± 0.4 mm	**—-** ± *0.16* in.
Temperature resistance (2) max. +80	**min. -5 °C 23 °F · 176 °F °C**
Max. production width	**1200** mm *47* in.

MINIMUM ROLLER DIAMETER:

Bending roller	**40** mm *1.6* in.
Counter-bending roller	**60** mm *2.4* in.

COEFFICIENT OF FRICTION:

Stainless steel - dry/wet	**0.50/0.42 [-]**
UHMW(2) - dry/wet	**0.42/0.35 [-]**

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

(2) UHMW = Ultra High Molecular Weight

03 FEATURES

Humidity influence	NO
Suitable to metal detector	YES
Permanent antistatic dynamically (UNI EN ISO 21179)	NO
Static conductivity (UNI EN ISO 284)	NO
Conveying on plastic strips UHMW(2)	YES
Conveying on rollers	YES
Troughed conveying	YES
Swan neck conveying	YES
Inclined conveying	NO
Accumulators belts	NO
Curved conveyor	NO
Chemical resistances	5

04 COMPLIANCE

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)

05 SUITABLE FOR

- Food: meat and fish processing
- Food: seafood processing
- Food: cheese processing
- Food: bakery
- Food: sweet and salty snacks
- Fruits and vegetables

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.