TECHNICAL DATA SHEET

OKHBT05-JC-20

1-ply polyester food-grade conveyor belt · Green impregnated fabric · 0.50 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Green**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Green**

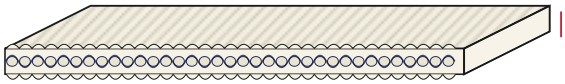
02 TECHNICAL SPECIFICATIONS

Total thickness	**0.50**	mm	*0.020*	*in.*
Weight			**0.25 kg/m²**	
Load at 1% elongation	**1.8**	N/mm	*10.3*	*lbs/in.*
Temperature – minimum (1)	**–40**	°C	*–40*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**1500**	mm	*59*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**15**	mm	*0.59*	*in.*
■ Back-flex (counter-bending) pulley	**15**	mm	*0.59*	*in.*





FABRIC TOP FACE — impregnated fabric · green
1-PLY POLYESTER — polyester (pet)
FABRIC DRIVE FACE — impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 0.50 MM / IN.

04 PROPERTIES

FDA compliant compound	YES
EU 10/2011	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES
Troughed	YES

05 APPLICATION

Features: High transversal rigidity, Low belt weight, Smooth and vibration-free running. Typical uses: Weighing belt. Industries: Biscuit and Crackers, Chocolate, Convenience food, Poultry, Primary food packaging, Red meat. Admissible tensile force 4.6 N/mm. Knife-edge radius 2 mm.

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

NOTES (1) Operating the belt at its limit values may reduce service life. (2) Minimum pulley diameters depend on belt tension and on the splice or fastener specified by Oriontek.

DISCLAIMER Values are nominal. 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.