TECHNICAL DATA SHEET

OKHBTF102-T

Polyamide power transmission belt · Black fabric · 4.6 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

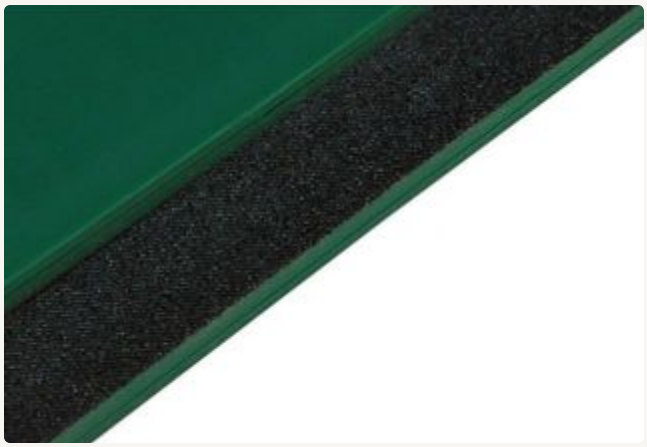
TOP COVER	Material	**Polyamide**
	Surface	**Fabric**
	Colour	**Black**
CARCASS	Fabric	**Aramid cords**
BOTTOM	Material	**Polyurethane thermoplastic (TPU) as friction cover**
	Surface	**Smooth**
	Colour	**Green**

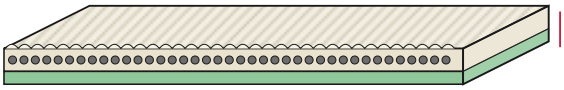
02 TECHNICAL SPECIFICATIONS

Total thickness	**4.6**	mm	*0.181*	*in.*
Weight			**5.2 kg/m²**	
Load at 1% elongation	**105**	N/mm	*599.5*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**50**	°C	*122*	*°F*
Max. production width	**152**	mm	*6*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**102**	mm	*4.02*	*in.*
■ Back-flex (counter-bending) pulley	**102**	mm	*4.02*	*in.*





FABRIC TOP FACE — fabric · black
ARAMID CORD CORE — aramid cords
PU COVER — green · smooth · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 4.6 MM / IN.

04 PROPERTIES

Antistatic	**YES**

05 APPLICATION

Features: Abrasion resistant, Dimensionally stable, High modulus of elasticity, High tensile strength, Low initial tension. Typical uses: Live roller drive belt. Industries: Distribution centers. Nominal peripheral force 38 N/mm. One-sided power transmission.

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.