TECHNICAL DATA SHEET

OKHBTS-10

Power transmission belt · · 0.80 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

CARCASS	Fabric	**Polyamide (PA)**
BOTTOM	Material	**Polyamide (PA) fabric**
	Surface	**Fabric**
	Colour	**Light green**

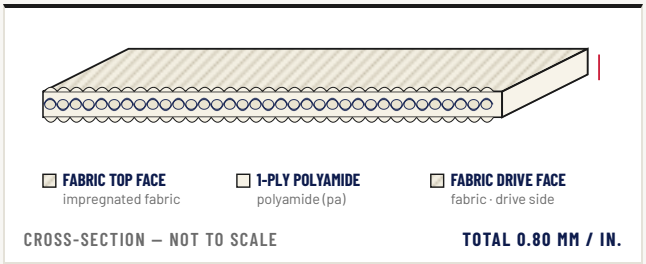
02 TECHNICAL SPECIFICATIONS

Total thickness	**0.80**	mm	*0.031*	*in.*
Weight			**0.70 kg/m²**	
Load at 1% elongation	**1.8**	N/mm	*10.3*	*lbs/in.*
Temperature — minimum [1]	**–20**	°C	*–4*	*°F*
Temperature — maximum [1]	**100**	°C	*212*	*°F*
Max. production width	**1140**	mm	*45*	*in.*

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**20**	mm	*0.79*	*in.*





CROSS-SECTION — NOT TO SCALE — **TOTAL 0.80 MM / IN.**

04 APPLICATION

Features: Abrasion resistant, Constant coefficient of friction, High temperature resistant, Low elasticity, Oil resistant, Uniform yarn quality, Robustness, High reliability. Typical uses: Spindle drive. Industries: Yarn processing. Nominal peripheral force 6.0 N/mm. 1- / 2- / or 4-spindle ring spinning frames.

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.