TECHNICAL DATA SHEET

OKHBTF-75T

2-ply polyester power transmission belt · Green fabric · 4.4 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	Polyester (PET)/Cotton (CO) fabric as friction cover (reverse
	Surface	Fabric
	Colour	Green
CARCASS	Fabric	Aramid fabric
	Number of plies	2
BOTTOM	Material	NBR rubber
	Surface	Rough structure
	Colour	Black

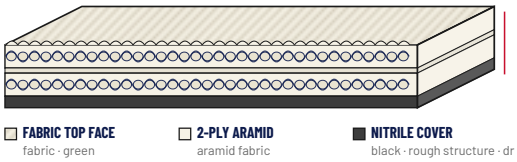
02 TECHNICAL SPECIFICATIONS

Total thickness	**4.4**	mm	*0.173*	*in.*
Weight			**4.6 kg/m²**	
Load at 1% elongation	**75**	N/mm	*428.2*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**65**	°C	*149*	*°F*
Max. production width	**1140**	mm	*45*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**200**	mm	*7.87*	*in.*
■ Back-flex (counter-bending) pulley	**200**	mm	*7.87*	*in.*





CROSS-SECTION – NOT TO SCALE

TOTAL 4.4 MM / IN.

04 PROPERTIES

Antistatic	YES

05 APPLICATION

Features: Abrasion resistant, Dimensionally stable, Energy saving, High modulus of elasticity, Low initial tension, Simple and fast joining method. Typical uses: Live roller drive belt, Power transmission belt. Industries: Distribution centers, Paper manufacturing and processing, Wood panel and boards. Nominal peripheral force 75 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.