TECHNICAL DATA SHEET

OKHBTF-50

1-ply nitrile power transmission belt · Green rough structure · 3.9 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**NBR rubber**
	Surface	**Rough structure**
	Colour	**Green**
CARCASS	Fabric	**Aramid fabric**
	Number of plies	**1**
BOTTOM	Material	**NBR rubber**
	Surface	**Rough structure**
	Colour	**Black**

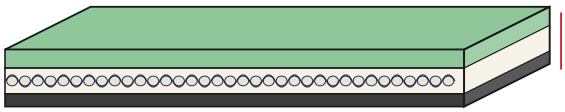
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.9**	mm	*0.154*	*in.*
Weight			**4.1 kg/m²**	
Load at 1% elongation	**50**	N/mm	*285.5*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**65**	°C	*149*	*°F*
Max. production width	**1100**	mm	*43*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**125**	mm	*4.92*	*in.*
■ Back-flex (counter-bending) pulley	**125**	mm	*4.92*	*in.*





NITRILE COVER
green · rough structure

1-PLY ARAMID
aramid fabric

NITRILE COVER
black · rough structure · dr

CROSS-SECTION – NOT TO SCALE

TOTAL 3.9 MM / IN.

04 PROPERTIES

Antistatic	YES

05 APPLICATION

Features: Abrasion resistant, Dimensionally stable, Energy saving, High modulus of elasticity, High uniformity of belt speed, Low initial tension, Simple and fast joining method. Typical uses: Driving belt, Live roller drive belt, Tangential belt. Industries: Paper manufacturing and processing, Yarn processing. Nominal peripheral force 50 N/mm. Double-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.