TECHNICAL DATA SHEET

OKHBTCF-50H

1-ply polyamide power transmission belt · White fine textile structure · 2.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyamide compound**
	Surface	**Fine textile structure**
	Colour	**White**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyamide compound**
	Surface	**Fine textile structure**
	Colour	**White**

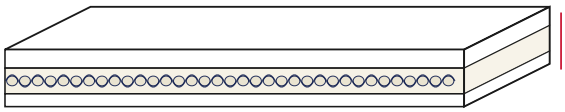
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.0**	mm	*0.079*	*in.*
Weight			**2.2 kg/m²**	
Load at 1% elongation	**24**	N/mm	*137.0*	*lbs/in.*
Temperature – minimum (1)	**–30**	°C	*–22*	*°F*
Temperature – maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**1100**	mm	*43*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**60**	mm	*2.36*	*in.*
■ Back-flex (counter-bending) pulley	**60**	mm	*2.36*	*in.*





☐ **POLYAMIDE COVER** white · fine textile structu
☐ **1-PLY POLYESTER** polyester (pet)
☐ **POLYAMIDE COVER** white · fine textile structu

CROSS-SECTION – NOT TO SCALE — **TOTAL 2.0 MM / IN.**

04 PROPERTIES

Antistatic	**YES**

05 APPLICATION

Features: Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Energy saving, High modulus of elasticity, Low temperature resistant, Simple and fast joining method. Typical uses: Live roller drive belt. Industries: Distribution centers. Nominal peripheral force 48 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.