TECHNICAL DATA SHEET

OKHBO-1

1-ply polyamide power transmission belt · Light gray nonwoven (fleece) structure · 2.9 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyamide**
	Surface	**Nonwoven (fleece) structure**
	Colour	**Light gray**
CARCASS	Fabric	**Polyamide (PA)**
	Number of plies	**1**
BOTTOM	Material	**NBR rubber**
	Surface	**Coarse textile structure**
	Colour	**Green**

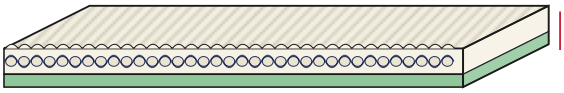
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.9**	mm	*0.114*	*in.*
Weight			**1.8 kg/m²**	
Load at 1% elongation	**3.4**	N/mm	*19.4*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**100**	°C	*212*	*°F*
Max. production width	**1200**	mm	*47*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**40**	mm	*1.57*	*in.*
■ Back-flex (counter-bending) pulley	**40**	mm	*1.57*	*in.*





FABRIC TOP FACE — nonwoven (fleece) structure
1-PLY POLYAMIDE — polyamide (pa)
NITRILE COVER — green · coarse textile struc

CROSS-SECTION – NOT TO SCALE

TOTAL 2.9 MM / IN.

04 PROPERTIES

Antistatic	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Abrasion resistant, Constant and gentle positive grip, Constant coefficient of friction, Forgiving in case of short term shock like overloads, Non-marking, Oil resistant. Typical uses: Machine tape, Paper handling belt, Processing belt. Industries: Cardboard converting, Paper manufacturing and processing, Paper printing and finishing.

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.