TECHNICAL DATA SHEET

OKHBIA2-LT

1-ply nitrile power transmission belt · Green impregnated fabric · 3.0 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

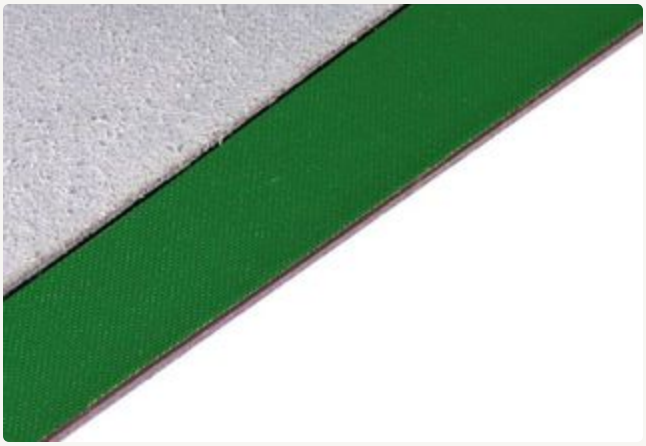
TOP COVER	Material	**NBR rubber**
	Surface	**Impregnated fabric**
	Colour	**Green**
CARCASS	Fabric	**Polyamide (PA)**
	Number of plies	**1**
BOTTOM	Material	**Chrome leather**
	Surface	**Leather structure**
	Colour	**Light gray**

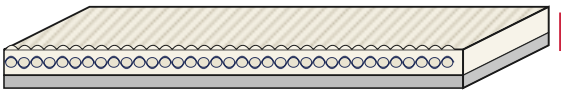
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.0**	mm	*0.118*	*in.*
Weight			**2.9 kg/m²**	
Load at 1% elongation	**3.8**	N/mm	*21.7*	*lbs/in.*
Temperature — minimum [1]	**–20**	°C	*–4*	*°F*
Temperature — maximum [1]	**80**	°C	*176*	*°F*
Max. production width	**450**	mm	*18*	*in.*

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**80**	mm	*3.15*	*in.*
■ Back-flex (counter-bending) pulley	**80**	mm	*3.15*	*in.*





FABRIC TOP FACE — impregnated fabric · green
1-PLY POLYAMIDE — polyamide (pa)
LEATHER COVER — light gray · leather structu

CROSS-SECTION — NOT TO SCALE

TOTAL 3.0 MM / IN.

04 APPLICATION

Features: Robustness, Wear resistant, Versatile. Typical uses: Driving belt, Power transmission belt. Industries: Various industries. Nominal peripheral force 14 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.

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