TECHNICAL DATA SHEET

OKHBCM-4-50F

2-ply nitrile power transmission belt · Light green rough structure · 5.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

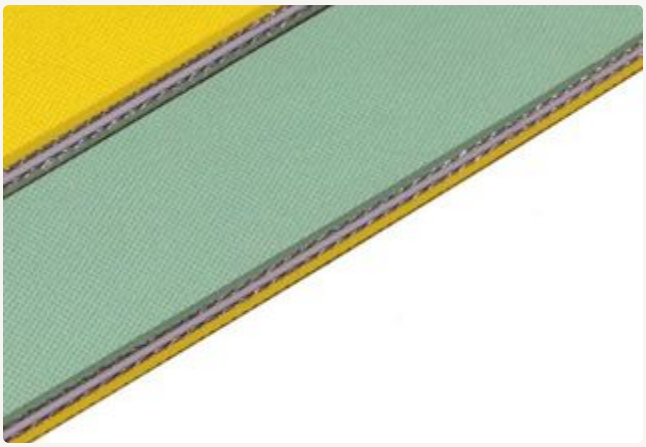
TOP COVER	Material	**NBR rubber**
	Surface	**Rough structure**
	Colour	**Light green**
CARCASS	Fabric	**Polyamide (PA)**
	Number of plies	**2**
BOTTOM	Material	**NBR rubber**
	Surface	**Rough structure**
	Colour	**Yellow**

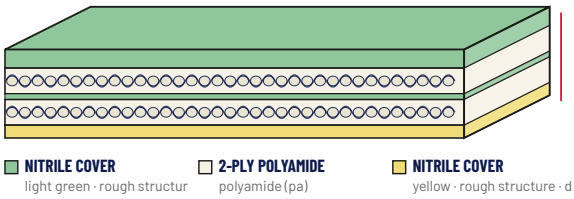
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.0**	mm	*0.197*	*in.*
Weight			**5.7 kg/m²**	
Load at 1% elongation	**4.0**	N/mm	*22.8*	*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	**60**	mm	*2.36*	*in.*
■ Back-flex (counter-bending) pulley	**60**	mm	*2.36*	*in.*





NITRILE COVER
light green · rough structur

2-PLY POLYAMIDE
polyamide (pa)

NITRILE COVER
yellow · rough structure · d

CROSS-SECTION – NOT TO SCALE

TOTAL 5.0 MM / IN.

04 PROPERTIES

Antistatic	YES
Roller bed	YES

05 APPLICATION

Features: Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Forgiving in case of short term shock like overloads. Typical uses: Folder-gluer belt, Processing belt. Industries: Box making.

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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