TECHNICAL DATA SHEET

OKHBS-251H

2-ply nitrile power transmission belt · Green rough structure · 3.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

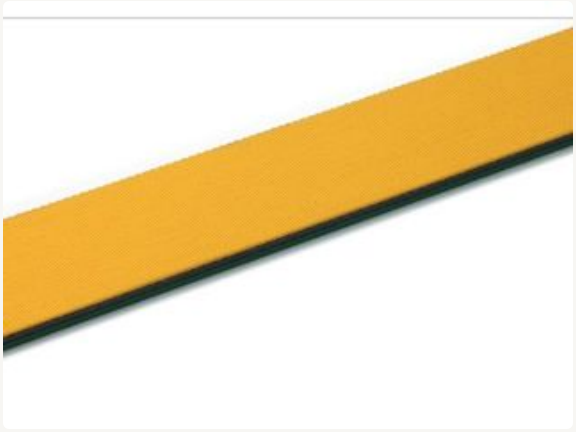
TOP COVER	Material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl
	Surface	Rough structure
	Colour	Green
CARCASS	Fabric	Polyamide (PA)
	Number of plies	2
BOTTOM	Material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover
	Surface	Rough structure
	Colour	Yellow

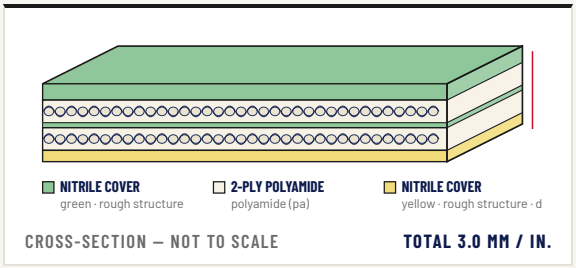
02 TECHNICAL SPECIFICATIONS

Total thickness	3.0	mm	*0.118*	*in.*
Weight			3.2 kg/m²	
Load at 1% elongation	11	N/mm	*62.8*	*lbs/in.*
Temperature – minimum (1)	–20	°C	*–4*	*°F*
Temperature – maximum (1)	100	°C	*212*	*°F*
Max. production width	1100	mm	*43*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	100	mm	*3.94*	*in.*
■ Back-flex (counter-bending) pulley	100	mm	*3.94*	*in.*





CROSS-SECTION – NOT TO SCALE — TOTAL 3.0 MM / IN.

04 PROPERTIES

Antistatic	YES

05 APPLICATION

Features: Abrasion resistant, Constant coefficient of friction, Dimensionally stable, Forgiving in case of short term shock like overloads. Typical uses: Ring spinning frames, Tangential belt, Twisters and texturing machines. Industries: Yarn processing. Nominal peripheral force 29 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.