TECHNICAL DATA SHEET

OKHBTC-55ERA

1-ply nitrile power transmission belt · Light 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	Light green
CARCASS	Fabric	Polyester (PET)
	Number of plies	1
BOTTOM	Material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover
	Surface	Rough structure
	Colour	Black

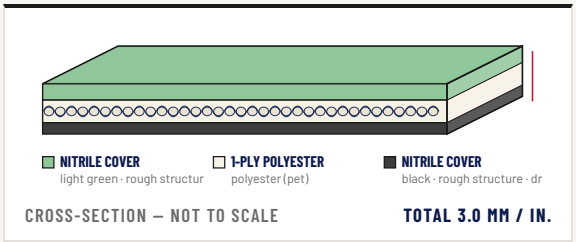
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.0**	mm	*0.118*	*in.*
Weight			**3.2 kg/m²**	
Load at 1% elongation	**25**	N/mm	*142.8*	*lbs/in.*
Temperature – minimum [1]	**–20**	°C	*–4*	*°F*
Temperature – maximum [1]	**70**	°C	*158*	*°F*
Max. production width	**1100**	mm	*43*	*in.*

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**70**	mm	*2.76*	*in.*
■ Back-flex (counter-bending) pulley	**70**	mm	*2.76*	*in.*





CROSS-SECTION – NOT TO SCALE — TOTAL 3.0 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, Simple and fast joining method, Outstanding flex-fatigue. Typical uses: Driving belt, Tangential belt. Industries: Yarn processing. Nominal peripheral force 53 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.