TECHNICAL DATA SHEET

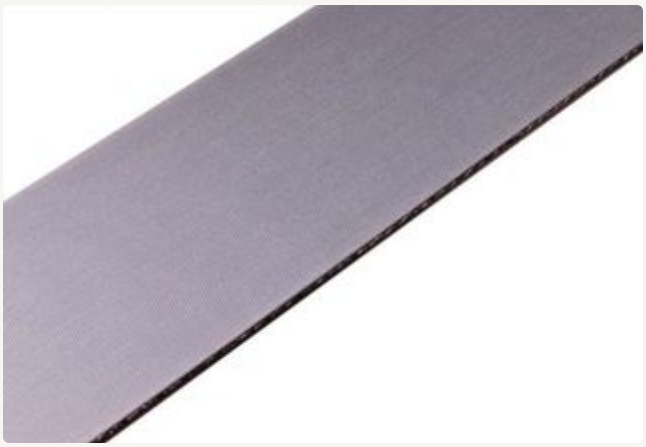
OKHBFT-18-40E

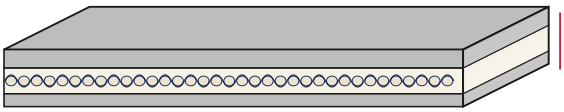
1-ply rubber compound food-grade power transmission belt · Light gray rough structure · 4.0 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Rubber compound**
	Surface	**Rough structure**
	Colour	**Light gray**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Rubber compound**
	Surface	**Rough structure**
	Colour	**Light gray**





RUBBER COVER — light gray · rough structure
1-PLY POLYESTER — polyester (pet)
RUBBER COVER — light gray · rough structure

CROSS-SECTION — NOT TO SCALE

TOTAL 4.0 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**4.0**	mm	*0.157*	*in.*
Weight			**4.0 kg/m²**	
Load at 1% elongation	**18**	N/mm	*102.8*	*lbs/in.*
Temperature — minimum (1)	**0**	°C	*32*	*°F*
Temperature — maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**1100**	mm	*43*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**30**	mm	*1.18*	*in.*
■ Back-flex (counter-bending) pulley	**30**	mm	*1.18*	*in.*

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES
Roller bed	YES

05 APPLICATION

Features: Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility. Typical uses: Folder-gluer 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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