TECHNICAL DATA SHEET

OKHBP1-5PP-2-OS-0-0-W

1-ply silicone food-grade power transmission belt · White smooth · 3.5 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Silicone**
	Surface	**Smooth**
	Colour	**White**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric**
	Surface	**Fabric**
	Colour	**White**

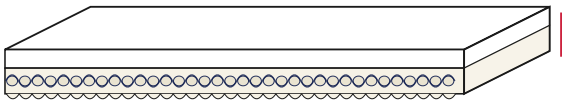
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.5**	mm	*0.138*	*in.*
Weight			**3.4 kg/m²**	
Load at 1% elongation	**1.8**	N/mm	*10.3*	*lbs/in.*
Temperature – minimum (1)	**–30**	°C	*–22*	*°F*
Temperature – maximum (1)	**160**	°C	*320*	*°F*
Max. production width	**2000**	mm	*79*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Back-flex (counter-bending) pulley	**25**	mm	*0.98*	*in.*





☐ **SILICONE COVER** white · smooth
☐ **1-PLY POLYESTER** polyester (pet)
☐ **FABRIC DRIVE FACE** fabric · drive side

CROSS-SECTION – NOT TO SCALE — **TOTAL 3.5 MM / IN.**

04 PROPERTIES

FDA compliant compound	**YES**
Metal detector friendly	**YES**
Slider bed	**YES**
Roller bed	**YES**

05 APPLICATION

Features: Chemical resistant, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility. Typical uses: Delivery belt, Food processing/conveying belt, Incline belt, Processing belt, Shrink wrap, Weighing belt. Industries: Biscuit and Crackers, Chemical industry, Chocolate, Frozen food.

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.