TECHNICAL DATA SHEET

OKFO900184

1-ply silicone food-grade conveyor belt · White smooth · 1.02 mm
FDA compliant compound · Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

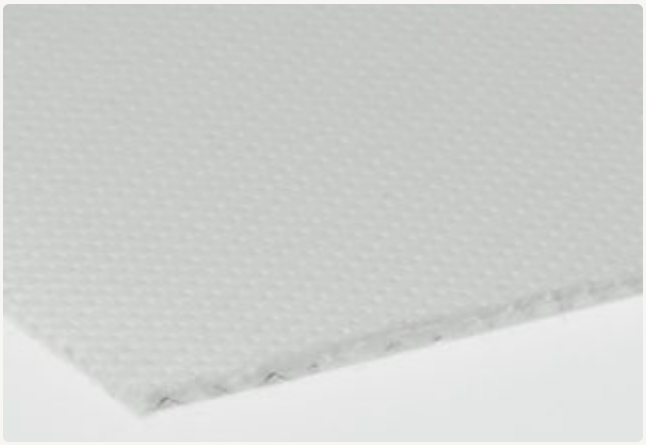
TOP COVER	Material	**Silicone**
	Surface	**Smooth**
	Colour	**White**
	Hardness	**30 Shore A**
CARCASS	Fabric	**Polyester fabric**
	Number of plies	**1**
BOTTOM	Material	**Polyurethane impregnation**
	Surface	**Fabric**
	Colour	**Transparent**

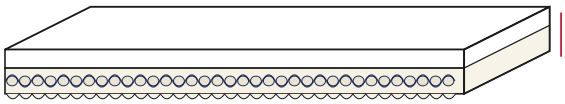
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.02**	mm	*0.04*	*in.*
Weight			**0.22 lb/ft²**	
Load at 1% elongation	**2.5**	N/mm	*14*	*lbs/in.*
Lateral stiffness			**Laterally stiff**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**8**	mm	*0.3*	*in.*
■ Back-flex (counter-bending) pulley	**23**	mm	*0.9*	*in.*
■ Knife edge radius	**3**	mm	*0.1*	*in.*





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

CROSS-SECTION — NOT TO SCALE

TOTAL 1.02 MM / 0.04 IN.

04 PROPERTIES

FDA compliant compound	**YES**
Antistatic	**YES**
Troughed conveying	NO
Accumulation conveying	NO
Curved conveyor	NO

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.