TECHNICAL DATA SHEET

OKHBSWP-2SI-S

1-ply silicone conveyor belt · Light blue ground silicone release · 4.7 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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





SILICONE COVER — light blue · ground silicone
1-PLY POLYESTER — polyester (pet)
FABRIC DRIVE FACE — fabric · drive side

CROSS-SECTION — NOT TO SCALE — TOTAL 4.7 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**4.7**	mm	*0.185*	*in.*
Weight			**5.2 kg/m²**	
Temperature — minimum (1)	**–51**	°C	*–60*	*°F*
Temperature — maximum (1)	**121**	°C	*250*	*°F*
Max. production width	**914**	mm	*36*	*in.*
Coefficient of friction			**Drive side on steel 0.20**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**64**	mm	*2.52*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*

04 PROPERTIES

Slider bed	**YES**
Roller bed	**YES**

05 APPLICATION

Features: Easy release, Excellent release, Humidity resistant, Temperature variation resistant. Typical uses: Stamping belt. Industries: Plastics, Tire. Admissible tensile force 18 N/mm.

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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