TECHNICAL DATA SHEET

OKBE10830

2 Ply Poly CR45 White SI x Bare HT AS FDA
FDA · Oil resistant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound		**White Silicone**
	Thickness	**0.0118** in.	*0.30 mm*
	Surface		**Silicone**
	Hardness		**30 Shore A**
CARCASS	Number of plies		**2**
	Skim between plies		**Silicone**
	Cross rigid		**Yes**
BOTTOM	Compound		**Polyester**
	Surface		**PU Impregnated**

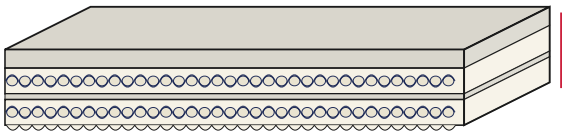
02 TECHNICAL SPECIFICATIONS

Overall gauge	**0.0905**	in.	*2.30*	*mm*
Unit weight	**0.0478**	lb/PIW		
Pull for 1% elongation	**45**	lbs/in.	*8*	*N/mm*
Temperature – minimum [1]	**–40**	°F	*–40*	*°C*
Temperature – maximum [1]	**356**	°F	*180*	*°C*
Max. production width	**72**	in.	*1829*	*mm*

03 MINIMUM PULLEY DIAMETER [2]

■ Normal flex	**1.9600**	in.	*49.78*	*mm*
■ Back flex	**3.5000**	in.	*88.90*	*mm*





CROSS-SECTION – NOT TO SCALE

GAUGE 0.0905 IN. / 2.30 MM

04 PROPERTIES

FDA compliant compound	YES
Oil resistant	YES
Antistatic	YES
Cross rigid	YES

05 SPLICING & FASTENERS

Splice process	**Step Hot**

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. All values are nominal.

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.