TECHNICAL DATA SHEET

OKBE10582

3 Ply HSW w/ 1/32 White Smooth Silicone x FS
90 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound		**White Silicone**
	Thickness	**1/32** in.	*0.79 mm*
	Surface		**Silicone**
	Colour		**White**
CARCASS	Fabric		**Cotton-Polyester**
	Number of plies		**3**
	Cross rigid		**No**
BOTTOM	Compound		**Black SBR**
	Surface		**Friction Surface**

02 TECHNICAL SPECIFICATIONS

Overall gauge	**5/32**	in.	*3.97*	*mm*
Unit weight	**0.0750**	lb/PIW		
Tension rating	**90**	PIW	*15.7*	*N/mm*
Temperature – minimum [1]	**–100**	°F	*–73*	*°C*
Temperature – maximum [1]	**500**	°F	*260*	*°C*

03 MINIMUM PULLEY DIAMETER [2]

Minimum pulley diameter	**3.00 in**





TOP COVER white · silicone
3-PLY POLYESTER cotton-polyester
FABRIC DRIVE FACE friction surface · drive sid

CROSS-SECTION – NOT TO SCALE

GAUGE 5/32 IN. / 3.97 MM

04 PROPERTIES

FDA compliant compound	NO
Oil resistant	NO
Fire resistant	NO
High heat	YES
Static conducting	NO
Cross rigid	NO
Impression (textured) top	NO

05 SPLICING & FASTENERS

Step splice	**Yes**
Finger splice	**No**
Staple fastener	**#125**
Wire hook lacing	**#3**
Alligator lacing	**#25**

06 APPLICATION

Specially designed for applications requiring release of wet, sticky, or warm products like uncured rubber and PVC. These belts are used primarily in the tire and rubber industry. Cover surface rated for up to 500 Degree Material - Carcass rated at 250 Degrees. *DO NOT USE IN OVEN APPLICATIONS* Coatings available in different colors and thicknesses. Other base belts available, priced on application.

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.