TECHNICAL DATA SHEET

OKBE10401

3 Ply Poly 105 White Butyl FDA COS
FDA · 105 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound			White Butyl
	Thickness	1/32 in.	0.79 mm	
	Surface			Smooth
	Colour			White
CARCASS	Fabric			Polyester
	Number of plies			3
	Cross rigid			No
BOTTOM	Compound			White Butyl
	Surface			Friction Surface

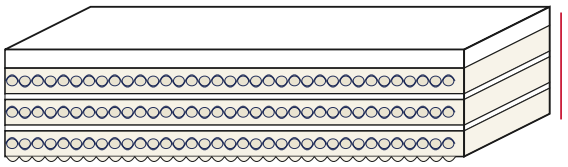
02 TECHNICAL SPECIFICATIONS

Overall gauge	3/32	in.	2.38	mm
Unit weight	0.0560	lb/PIW		
Tension rating	105	PIW	18.4	N/mm
Temperature — minimum [1]	−65	°F	−54	°C
Temperature — maximum [1]	300	°F	149	°C

03 MINIMUM PULLEY DIAMETER [2]

Minimum pulley diameter	1.50 in





☐ TOP COVER — white · smooth
☐ 3-PLY POLYESTER — polyester
☐ FABRIC DRIVE FACE — friction surface · drive sid

CROSS-SECTION — NOT TO SCALE

GAUGE 3/32 IN. / 2.38 MM

04 PROPERTIES

FDA compliant compound	YES
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	#62
Wire hook lacing	#1A
Alligator lacing	#7

06 APPLICATION

A specification designed for extreme temperature applications from -65 to 300 degrees F. Minimum pulley diameter for cold applications is 4" and 1-1/2" for high heat applications. Recommended for high-heat uses such as heat sealing machines and heat (shrink) tunnels; also cold rooms and freezers. Allow 1% shrinkage in the belt length when operated at temperatures over 275 degrees F. Belt is FDA accepted.

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.