TECHNICAL DATA SHEET

OKBE10398

3 Ply Poly 90 White Nitrile COS
FDA · Oil resistant · 90 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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

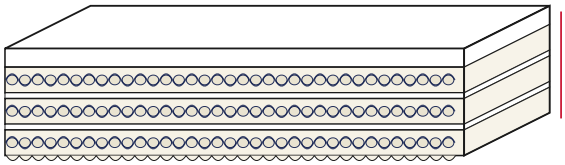
02 TECHNICAL SPECIFICATIONS

Overall gauge	3/32	in.	2.38	mm
Unit weight	0.0620	lb/PIW		
Tension rating	90	PIW	15.7	N/mm
Temperature — minimum [1]	0	°F	−18	°C
Temperature — maximum [1]	250	°F	121	°C

03 MINIMUM PULLEY DIAMETER [2]

Minimum pulley diameter	2.00 in





TOP COVER — white · smooth
3-PLY N/A — n/a
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	YES
Fire resistant	NO
High heat	NO
Static conducting	NO
Cross rigid	NO
Impression (textured) top	NO

05 SPLICING & FASTENERS

Step splice	Yes
Finger splice	No
Wire hook lacing	#1A
Alligator lacing	#7

06 APPLICATION

High-strength polyester carcass has great dimensional stability for less stretch and better tracking. Thin and flexible for small pulleys. Can be hot water and steam cleaned. 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.