TECHNICAL DATA SHEET

OKBE10378

5 Ply 15oz White Nitrile COS
FDA · Oil resistant · 80 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound			White Nitrile
	Thickness	3/64 in.	1.19 mm	
	Surface			Smooth
	Colour			White
CARCASS	Fabric			Cotton-Polyester
	Number of plies			5
	Cross rigid			No
BOTTOM	Compound			White Nitrile
	Surface			Friction Surface

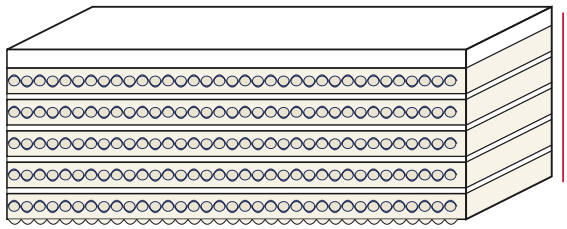
02 TECHNICAL SPECIFICATIONS

Overall gauge	3/16	in.	4.76	mm
Unit weight	0.1080	lb/PIW		
Tension rating	80	PIW	14.0	N/mm
Temperature – minimum [1]	0	°F	-18	°C
Temperature – maximum [1]	250	°F	121	°C

03 MINIMUM PULLEY DIAMETER [2]

Minimum pulley diameter	4.00 in





TOP COVER
white · smooth

5-PLY POLYESTER
cotton-polyester

FABRIC DRIVE FACE
friction surface · drive sid

CROSS-SECTION – NOT TO SCALE

GAUGE 3/16 IN. / 4.76 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
Staple fastener	#125
Wire hook lacing	#2
Alligator lacing	#20

06 APPLICATION

General purpose food handling; assembly line and packaging belts; resistant to food acids, fats and alkalies. Nitrile compound is also known as a Buna-N and Hycar. Easy-to-clean, smooth 3/64" cover. FDA approved. Construction features tightly woven blend of cotton and polyester plies impregnated and covered with nitrile.

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.