TECHNICAL DATA SHEET

OKBE30020

Brown Nitrile Rough Top x FS
FDA · Oil resistant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

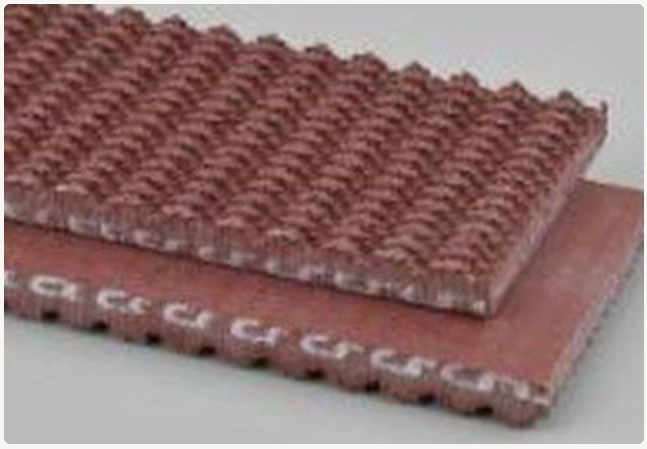
TOP COVER	Compound		Brown Nitrile
	Thickness	0.1890 in.	4.80 mm
	Surface		Roughtop
	Hardness		60 Shore A
CARCASS	Number of plies		1
	Skim between plies		Spiral Polyester
	Cross rigid		Yes
BOTTOM	Compound		Brown Nitrile
	Surface		Friction Surface

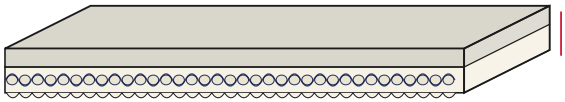
02 TECHNICAL SPECIFICATIONS

Overall gauge	0.2500	in.	6.35	mm
Unit weight	0.0908	lb/PIW		
Pull for 1% elongation	150	lbs/in.	26	N/mm
Temperature – minimum (1)	0	°F	-18	°C
Temperature – maximum (1)	250	°F	121	°C
Max. production width	72	in.	1829	mm

03 MINIMUM PULLEY DIAMETER (2)

■ Normal flex	3.0000	in.	76.20	mm
■ Back flex	6.0000	in.	152.40	mm





TOP COVER
roughtop

1-PLY FABRIC

FABRIC DRIVE FACE
friction surface · drive sid

CROSS-SECTION – NOT TO SCALE

GAUGE 0.2500 IN. / 6.35 MM

04 PROPERTIES

FDA compliant compound	YES
Oil resistant	YES
Fire resistant	NO
Antistatic	NO
Cross rigid	YES
Impression (textured) top	YES

05 SPLICING & FASTENERS

Splice process	N/a
Release foil	No

06 APPLICATION

is a breakthrough in belting design that combines time tested rubber cover materials with a structured spiral mesh than can be easily spliced at any length into a continuous belt without the need for special tools. 's construction eliminates points of weakness because there is no loss of strength at the splice area. The recommended working tension of all belts is 150lbs/in with very little stretch to the polyester mesh. This belt is stocked at 72" wide and can easily ship within 3 working days.

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.