TECHNICAL DATA SHEET

OKBE10716

9 Ply Brown Nitrile FBS
Oil resistant · 108 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound	Cotton-Polyester
	Surface	Friction Surface
	Colour	Brown
CARCASS	Fabric	Cotton-Polyester
	Number of plies	9
	Cross rigid	No
BOTTOM	Compound	Cotton-Polyester
	Surface	Friction Surface

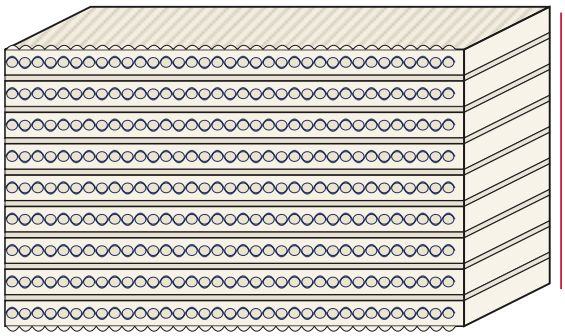
02 TECHNICAL SPECIFICATIONS

Overall gauge	13/64	in.	*5.16*	*mm*
Unit weight	0.1000	lb/PIW		
Tension rating	108	PIW	*18.9*	*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





FABRIC TOP FACE — friction surface · brown
9-PLY POLYESTER — cotton-polyester
FABRIC DRIVE FACE — friction surface · drive sid

CROSS-SECTION — NOT TO SCALE

GAUGE 13/64 IN. / 5.16 MM

04 PROPERTIES

FDA compliant compound	NO
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	#187
Wire hook lacing	#3
Alligator lacing	#27

06 APPLICATION

Features a tighly woven blend of cotton and polyester plies impregnated with nitrile, producing a belt suitable for light and medium-weight conveying for a multitude of applications. Particularly popular for oily conditions, especially the conveying of metal parts, also as carrying tapes for folding machines. Economical. Very flexible.

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.