TECHNICAL DATA SHEET

OKBE10714

7 Ply Brown Nitrile FBS
Oil resistant · 84 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

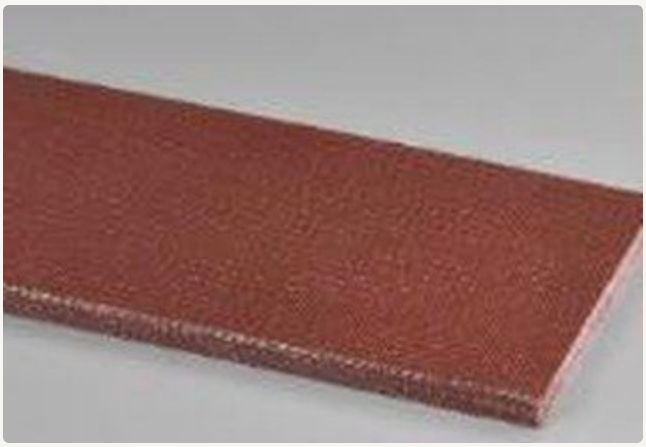
TOP COVER	Compound	**Cotton-Polyester**
	Surface	**Friction Surface**
	Colour	**Brown**
CARCASS	Fabric	**Cotton-Polyester**
	Number of plies	**7**
	Cross rigid	**No**
BOTTOM	Compound	**Cotton-Polyester**
	Surface	**Friction Surface**

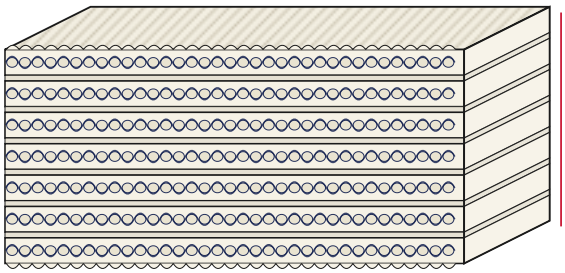
02 TECHNICAL SPECIFICATIONS

Overall gauge	**5/32**	in.	*3.97*	*mm*
Unit weight	**0.0880**	lb/PIW		
Tension rating	**84**	PIW	*14.7*	*N/mm*
Temperature — minimum [1]	**0**	°F	*–18*	*°C*
Temperature — maximum [1]	**250**	°F	*121*	*°C*

03 MINIMUM PULLEY DIAMETER [2]

Minimum pulley diameter	**3.00 in**





FABRIC TOP FACE
friction surface · brown

7-PLY POLYESTER
cotton-polyester

FABRIC DRIVE FACE
friction surface · drive sid

CROSS-SECTION — NOT TO SCALE

GAUGE 5/32 IN. / 3.97 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	**#125**
Wire hook lacing	**#2**
Alligator lacing	**#20**

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. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.