TECHNICAL DATA SHEET

OKAF500-07

1-ply PTFE high-temperature fabric belt · Tan impregnated fabric · 0.18 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

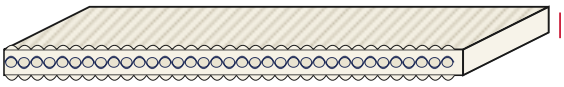
01 CONSTRUCTION

TOP COVER	Material	**PTFE**
	Surface	**Impregnated fabric**
	Colour	**Tan**
CARCASS	Fabric	**Para-aramid fabric**
	Number of plies	**1**
BOTTOM	Material	**PTFE**
	Surface	**Impregnated fabric**

02 TECHNICAL SPECIFICATIONS

Total thickness	**0.18**	mm	*0.007*	*in.*
Weight	**0.46 lb/yd² (250 g/m²)**			
Elongation	**Max. 3% at break**			
Temperature — minimum [1]	**–73**	°C	*–100*	*°F*
Temperature — maximum [1]	**288**	°C	*550*	*°F*
Max. production width	**965**	mm	*38*	*in.*
Tensile strength — warp	**160 lbs/in. (28 N/mm)**			
Tensile strength — fill	**160 lbs/in. (28 N/mm)**			
Tear strength — warp	**100 oz (27.8 N)**			
Tear strength — fill	**100 oz (27.8 N)**			





FABRIC TOP FACE impregnated fabric · tan
1-PLY ARAMID para-aramid fabric
FABRIC DRIVE FACE impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 0.18 MM / 0.007 IN.

03 APPLICATION

PTFE-coated para-aramid fabric for heavy loads and long wear life, with much higher tensile and tear strength; well suited to steam and moisture.

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.

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.