TECHNICAL DATA SHEET

OKAF41-05AB

1-ply PTFE high-temperature fabric belt · Silver / Black smooth laminated film · 0.13 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

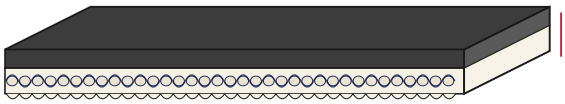
01 CONSTRUCTION

TOP COVER	Material	**PTFE**
	Surface	**Smooth laminated film**
	Colour	**Silver / Black**
CARCASS	Fabric	**Fiberglass fabric**
	Number of plies	**1**
BOTTOM	Material	**PTFE**
	Surface	**Impregnated fabric**

02 TECHNICAL SPECIFICATIONS

Total thickness	**0.13**	mm	*0.005*	*in.*
Weight	**0.48 lb/yd² (260 g/m²)**			
Elongation	**Max. 3% at break**			
Temperature — minimum (1)	**–73**	°C	*–100*	*°F*
Temperature — maximum (1)	**288**	°C	*550*	*°F*
Max. production width	**1295**	mm	*51*	*in.*
Tensile strength — warp	**100 lbs/in. (18 N/mm)**			
Tensile strength — fill	**110 lbs/in. (19 N/mm)**			
Tear strength — warp	**25 oz (7.0 N)**			
Tear strength — fill	**20 oz (5.6 N)**			





PTFE COVER silver / black · smooth lami
1-PLY FIBERGLASS FAB fiberglass fabric
FABRIC DRIVE FACE impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 0.13 MM / 0.005 IN.

03 APPLICATION

Film-laminated PTFE fabric with an extremely smooth, oil-, grease- and chemical-resistant surface that keeps a low coefficient of friction.

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.