TECHNICAL DATA SHEET

OKAF302-42

2-ply silicone high-temperature fabric belt · Black · 1.07 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

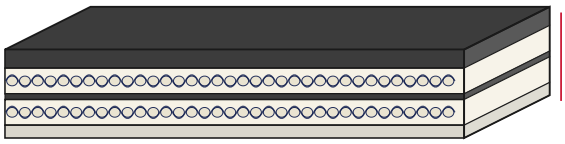
01 CONSTRUCTION

TOP COVER	Material	**Silicone rubber**
	Colour	**Black**
CARCASS	Fabric	**Fiberglass fabric**
	Number of plies	**2**
BOTTOM	Material	**Silicone rubber**

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.07**	mm	*0.042*	*in.*
Weight	**2.05 lb/yd² (1112 g/m²)**			
Temperature — minimum (1)	**−73**	°C	*−100*	*°F*
Temperature — maximum (1)	**260**	°C	*500*	*°F*
Max. production width	**1321**	mm	*52*	*in.*
Tensile strength — warp	**285 lbs/in. (50 N/mm)**			
Tensile strength — fill	**270 lbs/in. (47 N/mm)**			
Friction surface	**Yes**			





■ **SILICONE COVER** black
□ **2-PLY FIBERGLASS FAB** fiberglass fabric
□ **SILICONE COVER** drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 1.07 MM / 0.042 IN.

03 APPLICATION

Silicone-rubber-coated fiberglass: the most conformable, flexible and wear-resistant option, with a higher-friction surface than PTFE.

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.