TECHNICAL DATA SHEET

OKHBHIT-A-N500

1-ply aramid fabric conveyor belt · Yellow buffed finish · 12.7 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Aramid fabric**
	Surface	**Buffed finish**
	Colour	**Yellow**
CARCASS	Fabric	**Aramid fabric**
	Number of plies	**1**
BOTTOM	Material	**Aramid fabric**
	Surface	**Buffed finish**
	Colour	**Yellow**

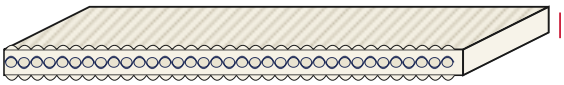
02 TECHNICAL SPECIFICATIONS

Total thickness	**12.7**	mm	*0.500*	*in.*
Weight			**3.2 kg/m²**	
Load at 1% elongation	**10**	N/mm	*57.1*	*lbs/in.*
Temperature — minimum (1)	**0**	°C	*32*	*°F*
Temperature — maximum (1)	**427**	°C	*801*	*°F*
Max. production width	**1524**	mm	*60*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**76**	mm	*2.99*	*in.*
■ Back-flex (counter-bending) pulley	**76**	mm	*2.99*	*in.*





FABRIC TOP FACE — buffed finish · yellow
1-PLY ARAMID — aramid fabric
FABRIC DRIVE FACE — buffed finish · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 12.7 MM / IN.

04 PROPERTIES

Slider bed	**YES**
Roller bed	**YES**
Troughed	**YES**

05 APPLICATION

Features: High temperature resistant. Typical uses: Metering/singulation belt. Industries: Glass, Metal sheets and components. Admissible tensile force 35 N/mm.

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.