TECHNICAL DATA SHEET

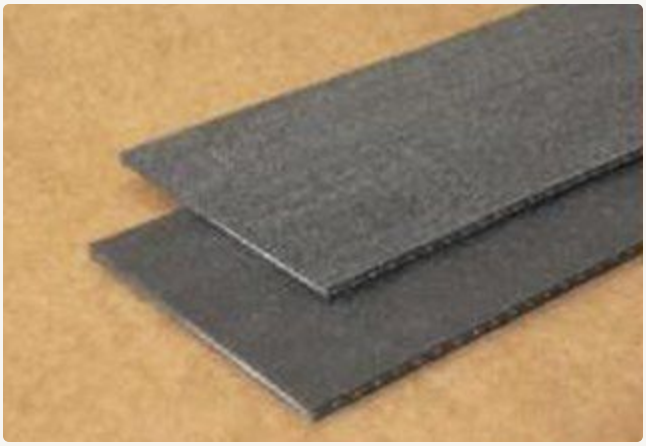
OKMU4-5000

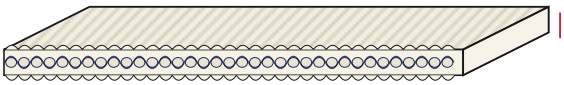
1-ply PVC conveyor belt · Black bare · 3.05 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**PVC**
	Surface	**Bare**
	Colour	**Black**
CARCASS	Fabric	**Non-Woven Polyester**
	Number of plies	**1**
BOTTOM	Surface	**Bare**





FABRIC TOP FACE
bare · black

1-PLY FELT
non-woven polyester

FABRIC DRIVE FACE
bare · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 3.05 MM / 0.12 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**3.05**	mm	*0.12*	*in.*
Weight			**0.063 lb/ft²**	
Working tension	**120**	PIW	*21.0*	*N/mm*
Elongation			**Less than 2%**	
Temperature — minimum [1]	**−23**	°C	*−10*	*°F*
Temperature — maximum [1]	**82**	°C	*180*	*°F*

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**51**	mm	*2*	*in.*
■ Back-flex (counter-bending) pulley	**76**	mm	*3*	*in.*

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.