TECHNICAL DATA SHEET

OKHBTMBE0517

2-ply PVC conveyor belt · Black elliptical smooth netting negative structure · 2.7 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

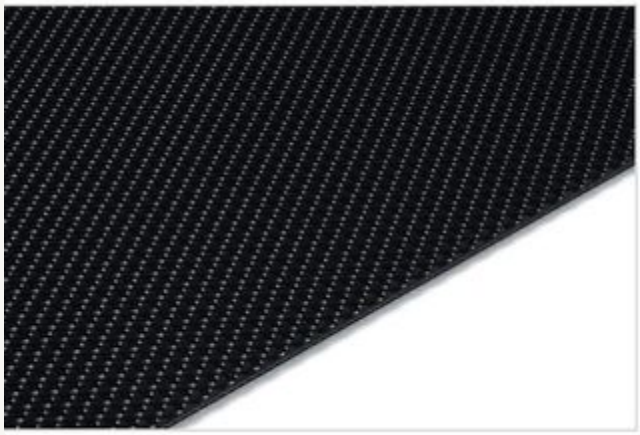
TOP COVER	Material	**PVC**
	Surface	**Elliptical smooth netting negative structure**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**2**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Gray**

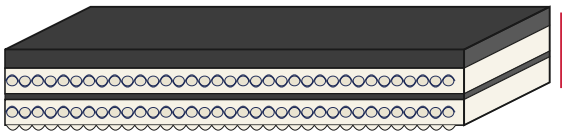
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.7**	mm	*0.106*	*in.*
Weight			**2.5 kg/m²**	
Load at 1% elongation	**5.0**	N/mm	*28.6*	*lbs/in.*
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**2800**	mm	*110*	*in.*
Coefficient of friction			**Drive side on steel 0.10**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**30**	mm	*1.18*	*in.*
■ Back-flex (counter-bending) pulley	**40**	mm	*1.57*	*in.*





PVC COVER black · elliptical smooth ne
2-PLY POLYESTER polyester (pet)
FABRIC DRIVE FACE impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE — **TOTAL 2.7 MM / IN.**

04 PROPERTIES

Antistatic	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES
Troughed	YES
Power turns	YES

05 APPLICATION

Features: Abrasion resistant, Antistatic, Laser markable, Maintenance-free. Typical uses: Treadmill belt. Industries: Treadmill. Admissible tensile force 13 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.