TECHNICAL DATA SHEET

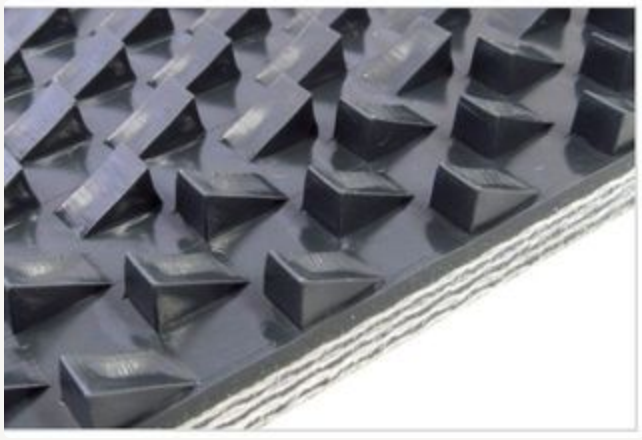
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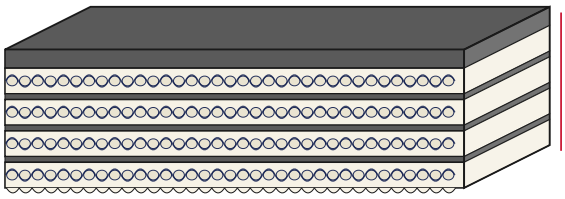
4-ply PVC conveyor belt · Anthracite alternating sawtooth structure · 14.0 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**PVC**
	Surface	**Alternating sawtooth structure**
	Colour	**Anthracite**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**4**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Yellow**





CROSS-SECTION — NOT TO SCALE

TOTAL 14.0 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**14.0**	mm	*0.551*	*in.*
Weight			**11.4 kg/m²**	
Load at 1% elongation	**24**	N/mm	*137.0*	*lbs/in.*
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**2200**	mm	*87*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**450**	mm	*17.72*	*in.*
■ Back-flex (counter-bending) pulley	**500**	mm	*19.69*	*in.*

04 PROPERTIES

Metal detector friendly	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Abrasion resistant, Absorption of shock loads, High grip surface, High strength, Water resistant. Typical uses: Polishing machines. Industries: Marble and stone. Admissible tensile force 60 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.