TECHNICAL DATA SHEET

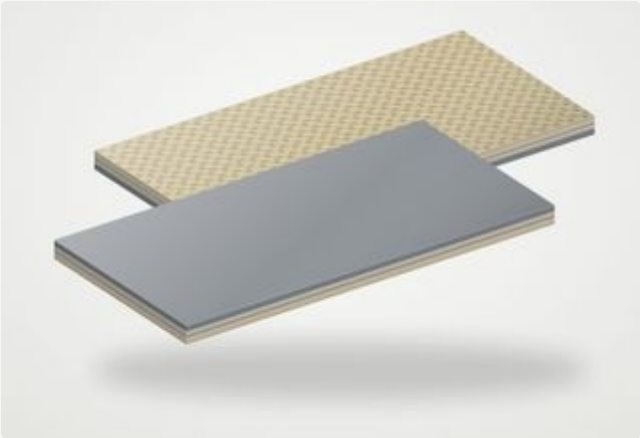
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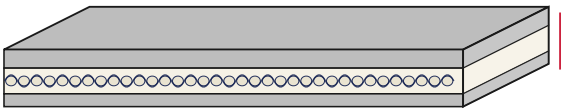
Chrome leather flat belt / machine tape · Grey leather · 4.4 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Chrome leather**
	Surface	**Leather**
	Colour	**Grey**
CARCASS	Fabric	**Polyamide sheet, highly-orientated**
BOTTOM	Material	**Chrome leather**
	Surface	**Leather**
	Colour	**Grey**





CROSS-SECTION — NOT TO SCALE

TOTAL 4.4 MM / 0.173 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**4.4**	mm	*0.173*	*in.*
Weight			**0.86 lb/ft²**	
Load at 1% elongation	**10**	N/mm	*57.1*	*lbs/in.*
Temperature — minimum (1)	**–40**	°C	*–40*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**510**	mm	*20*	*in.*
Coefficient of friction			**Top 0.4 / drive side 0.4**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**90**	mm	*3.54*	*in.*
■ Back-flex (counter-bending) pulley	**90**	mm	*3.54*	*in.*

04 PROPERTIES

Antistatic	**YES**
Troughed conveying	**NO**

05 APPLICATION

Energy Production (Generator power transmission belt); Yarn (2-pulley power transmission belt; Drives where oils or greases are a major factor; Fan drives; Power transmission belt (half-cross power transmission belt); Taper-cone power transmission belt)

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.