TECHNICAL DATA SHEET

OKFO822174

High grip flat belt / machine tape · Grey normal texture · 1.5 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

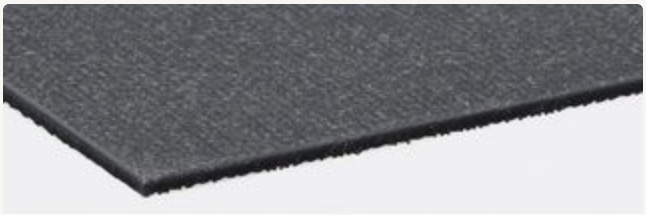
TOP COVER	Material	**High Grip**
	Surface	**Normal texture**
	Colour	**Grey**
CARCASS	Fabric	**Polyester fabric, highly flexible**
BOTTOM	Material	**Polyurethane**
	Surface	**Fine texture**
	Colour	**Green**

02 TECHNICAL SPECIFICATIONS

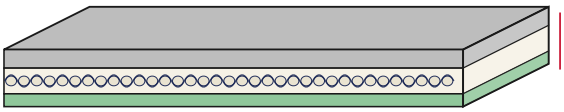
Total thickness	**1.5**	mm	*0.059*	*in.*
Weight			**0.328 lb/ft²**	
Load at 1% elongation	**4**	N/mm	*22.8*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**1350**	mm	*53*	*in.*
Coefficient of friction			**Top 1.8 / drive side 1.2**	

03 MINIMUM PULLEY DIAMETER (2)

▪ Minimum pulley / nose bar	**14**	mm	*0.55*	*in.*
▪ Back-flex (counter-bending) pulley	**14**	mm	*0.55*	*in.*







HIGH GRIP COVER grey · normal texture
1-PLY POLYESTER polyester fabric, highly fle
PU COVER green · fine texture · drive

CROSS-SECTION – NOT TO SCALE

TOTAL 1.5 MM / 0.059 IN.

04 PROPERTIES

Troughed conveying	NO
Accumulation conveying	NO

05 APPLICATION

Electronic Industry (Conveying of electronic goods; Conveying of photovoltaic wafers; Drag belt conveyor systems)

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.