TECHNICAL DATA SHEET

OKFO850050

Polyamide flat belt / machine tape · Black fabric · 4.5 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyamide fabric**
	Surface	**Fabric**
	Colour	**Black**
CARCASS	Fabric	**Polyamide sheet, highly-orientated**
BOTTOM	Material	**Elastomer G**
	Surface	**Normal texture**
	Colour	**Black**

02 TECHNICAL SPECIFICATIONS

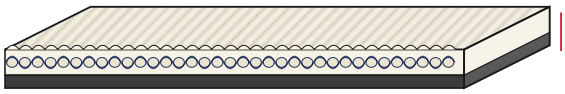
Total thickness	**4.5**	mm	*0.177*	*in.*
Weight			**1.004 lb/ft²**	
Load at 1% elongation	**27**	N/mm	*154.2*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**1000**	mm	*39*	*in.*
Coefficient of friction			**Top 0.3 / drive side 0.9**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**300**	mm	*11.81*	*in.*
■ Back-flex (counter-bending) pulley	**300**	mm	*11.81*	*in.*







FABRIC TOP FACE
fabric · black

1-PLY POLYAMIDE
polyamide sheet, highly-orie

ELASTOMER COVER
black · normal texture · dri

CROSS-SECTION – NOT TO SCALE

TOTAL 4.5 MM / 0.177 IN.

04 PROPERTIES

Antistatic	YES
Troughed conveying	NO

05 APPLICATION

Energy Production (Generator power transmission belt); Press shops (Car body presses); Steel / Recyling (Power transmission belt for rolling mills); Wood Based Panel Industry (Board sorting systems / MDF / fibre board production)

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.