TECHNICAL DATA SHEET

OKFO850221

Polyurethane flat belt / machine tape · Pearl gentian blue (~RAL 5025) fine texture · 0.8 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyurethane**
	Surface	**Fine texture**
	Colour	**Pearl gentian blue (~RAL 5025)**
CARCASS	Fabric	**Polyurethane, elastic**
BOTTOM	Material	**Polyurethane**
	Surface	**Coarse texture**
	Colour	**Black**

02 TECHNICAL SPECIFICATIONS

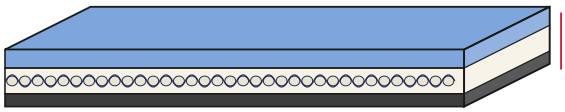
Total thickness	**0.8**	mm	*0.031*	*in.*
Weight			**0.164 lb/ft²**	
Load at 1% elongation	**0.1**	N/mm	*0.6*	*lbs/in.*
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**1200**	mm	*47*	*in.*
Coefficient of friction			**Top 1.2 / drive side 0.9**	

03 MINIMUM PULLEY DIAMETER (2)

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







PU COVER
pearl gentian blue (~ral 502

1-PLY PU
polyurethane, elastic

PU COVER
black · coarse texture · dri

CROSS-SECTION – NOT TO SCALE

TOTAL 0.8 MM / 0.031 IN.

04 PROPERTIES

Antistatic	YES
Troughed conveying	YES
Accumulation conveying	NO

05 APPLICATION

Conveying office (Automatic teller machines (ATM)); Packaging (Packaging machines); Paper Manufacturing, Packaging (Carrier belt for paper and packaging); Postal (Letter sorting machines; Letter sorting machines: tray conveyors for flats); Printing (Post press (compensating stackers, bundlers))

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.