TECHNICAL DATA SHEET

OKF0900079

Polyamide food-grade flat belt / machine tape · Transparent smooth · 1.1 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyamide**
	Surface	**Smooth**
	Colour	**Transparent**
CARCASS	Fabric	**Polyamide sheet, highly-orientated**
BOTTOM	Material	**Polyamide**
	Surface	**Smooth**
	Colour	**Transparent**

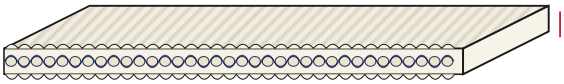
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.1**	mm	*0.043*	*in.*
Weight			**0.266 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	**520**	mm	*20*	*in.*
Coefficient of friction			**Top 0.25 / drive side 0.25**	

03 MINIMUM PULLEY DIAMETER (2)

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





FABRIC TOP FACE
smooth · transparent

1-PLY POLYAMIDE
polyamide sheet, highly-orie

FABRIC DRIVE FACE
smooth · drive side

CROSS-SECTION – NOT TO SCALE

TOTAL 1.1 MM / 0.043 IN.

04 PROPERTIES

FDA compliant compound	YES
Troughed conveying	NO
Accumulation conveying	YES

05 APPLICATION

Electronic Industry (Clean room applications; Conveying of electronic goods); Steel / Recyling (Can manufacturing)

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.