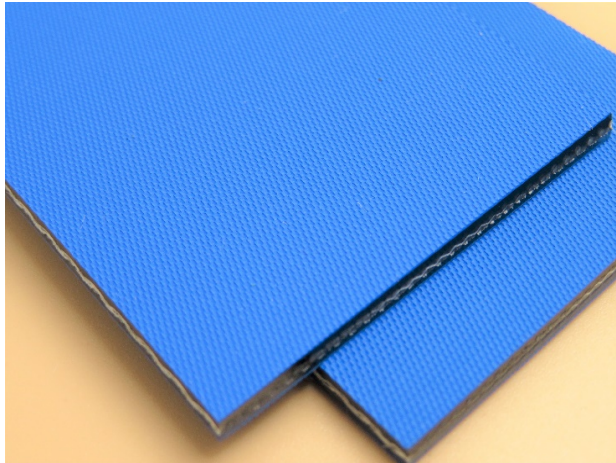



Technical Datasheet	<i>PolySprint™</i> Belt type	Power Transmission and Conveyor Belt TLA-30E30-2	PS-079 Ver.5
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Applications

- Draw texturing machine
- Heavy duty conveyor
- General transmission belt
- Textile machine(Tangential belt, TFO twister)

Construction



Top side	Bottom side
NBR	NBR
Textured surface	Textured surface
Dark blue	Dark blue
Tension member	Splice
Polyester	Finger
Fabric	(10×120)
Construction	

Dimensions

Width/Roll (max.)	450mm
Width/Endless (max.)	100mm
Length (max.)	100m
Total thickness	3.0mm
Weight	3.5 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC,
(EU)2015/863)

Features

- Antistatic
- Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	Finger	70mm
Back flexing	Finger	70mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	30.0N/mm
Initial tension at 2.0%	82.0N/mm
Tension after relaxation at 2.0% *	55.0N/mm
Operating temperature range	0~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	250N/mm
Elongation at break	8%
Maximum allowable tension	82.0N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

Top	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
Bottom	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
	vs. Lagged pulley	0.7~0.9
	vs. POM (resin)	0.5~0.7