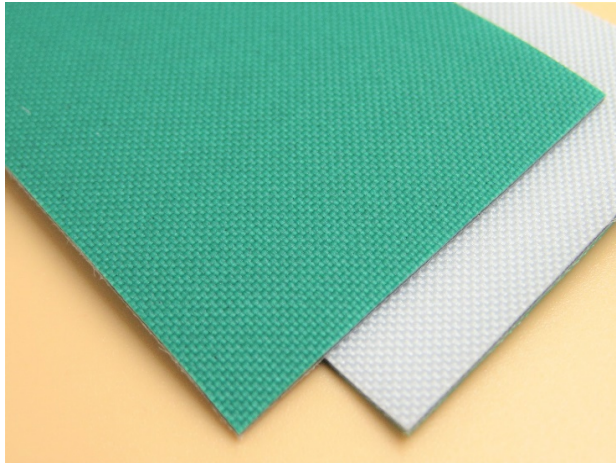



Technical Datasheet	<i>PolySprint™</i> Belt type TTZ-4E10LF	Conveyor Belt PS-055 Ver.3
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Applications

- Bookbinding machine
- Sheeter
- Printing press
- Light duty conveyor

Construction



Top side Special polyamide NBR-impreg. fabric Green	Bottom side Special polyamide Fabric White
Tension member Polyester Fabric	Splice Finger (10×30, 5×35)
Construction	

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	200m
Total thickness	1.0mm
Weight	1.0 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Moderate friction
- High lateral rigidity
- Slider bed
- Roller bed
- Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	Finger	20mm
Back flexing	Finger	30mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	4.0N/mm
Initial tension at 2.0%	9.0N/mm
Tension after relaxation at 2.0% *	6.0N/mm
Operating temperature range	-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	80N/mm
Elongation at break	12%
Maximum allowable tension	9.0N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

	Top	vs. Steel	0.3~0.4
		vs. Paper	0.4~0.5
	Bottom	vs. Steel	0.1~0.2
		vs. Paper	0.2~0.3
		vs. Lagged pulley	0.3~0.5
		vs. POM (resin)	0.1~0.3