


<b>Technical Datasheet</b>	<i>PolySprint™</i> Belt type	<b>TTF-4E10</b>	Conveyor Belt PS-021 ver.0
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### Applications

- Bookbinding machine
- Postal machine
- Light duty conveyor

### Construction



<b>Top side</b> Special polyamide Fabric Gray	<b>Bottom side</b> Special polyamide Fabric Gray
<b>Tension member</b> Polyester Fabric	<b>Splice</b> Finger (10×30)
<b>Construction</b>	

### Dimensions

Width/Roll (max.)	340mm
Width/Endless (max.)	340mm
Length (max.)	100m
Total thickness	1.0mm
Weight	1.0 Kg/m <sup>2</sup>

©Please contact Nitta if you need other dimensions.

### Regulatory compliance

RoHS(2011/65/EC)  
REACH regulation

### Features

Antistatic  
Will not damage conveyed goods  
Accumulation  
Slider bed  
Roller bed  
Easy splice with NITTA tool

### Properties

#### Minimum pulley diameter

Flexing	Finger	15mm
Back flexing	Finger	15mm

#### Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	4N/mm
Initial tension at 2.0%	9N/mm
Tension after relaxation at 2.0% *	6N/mm
Operating temperature range	-20~60°C

\*After 200hrs running-in

#### Tensile properties

Tensile strength	45N/mm
Elongation at break	13%
Maximum allowable tension	9N/mm
Maximum allowable elongation	2.0%

#### Coefficient of friction

	Top	vs. Steel	0.1~0.2
		vs. Paper	0.2~0.3
	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