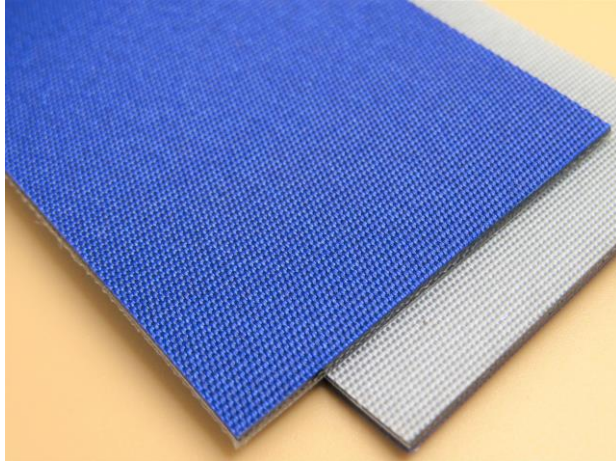


Technical Datasheet	<i>PolySprint™</i>	Conveyor Belt
	Belt type	<b>TTP-8E18N</b> PS-056 ver.0

### Applications

- Printing press
- Light duty conveyor

### Construction



Top side	Bottom side
Special polyamide	Special polyamide
Fabric	Fabric
Purple	White

Tension member	Splice
Polyester	Finger(10×70, 5×35)
Fabric	In cases where elongation is less than 1%, 10×30 is applicable

Construction



### Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	100m
Total thickness	1.8mm
Weight	1.8 Kg/m <sup>2</sup>

©Please contact Nitta if you need other dimensions.

### Regulatory compliance

RoHS(2011/65/EC)  
REACH regulation

### Features

Antistatic  
Superior abrasion resistance  
High lateral rigidity  
Slider bed  
Roller bed  
Easy splice with NITTA tool

### Properties

#### Minimum pulley diameter

Flexing	Finger	40mm
Back flexing	Finger	40mm

#### Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	8N/mm
Initial tension at 2.0%	18N/mm
Tension after relaxation at 2.0% *	12N/mm
Operating temperature range	-20~60°C

\*After 200hrs running-in

#### Tensile properties

Tensile strength	140N/mm
Elongation at break	13%
Maximum allowable tension	18N/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