

Technical Datasheet	<i>PolySprint™</i> Belt type	Conveyor Belt STC-10 PS-008 ver.0
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Applications

- Postal machine
- Bookbinding machine
- Light duty conveyor

Construction


Top side	Bottom side
-	Conductive resin
Knit	Matte Surface
Blue	Black

Tension member	Splice
-	Finger
-	(10×30, 20×20)

 Construction 
Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	100m
Total thickness	1.35mm
Weight	1.3 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

 RoHS(2011/65/EC)
 REACH regulation

Features

- Antistatic
- No tensioning device required
- Will not damage conveyed goods
- Accumulation
- Cut resistance
- Slider bed
- Roller bed
- Easy splice with NITTA tool

Properties
Minimum pulley diameter

Flexing	
Finger	25mm
Back flexing	
Finger	25mm

Dynamic properties

Standard elongation	5.0%
Tension after relaxation at 5.0% [*]	0.5N/mm
Initial tension at 8.0%	1.6N/mm
Tension after relaxation at 8.0% [*]	0.8N/mm
Operating temperature range	-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	15N/mm
Elongation at break	100%
Maximum allowable tension	1.6N/mm
Maximum allowable elongation	8.0%

Coefficient of friction

	Top	vs. Steel	0.1~0.2
		vs. Paper	0.2~0.3
	Bottom	vs. Steel	0.3~0.4
		vs. Paper	0.4~0.5
		vs. Lagged pulley	0.5~0.7
		vs. POM (resin)	0.3~0.5