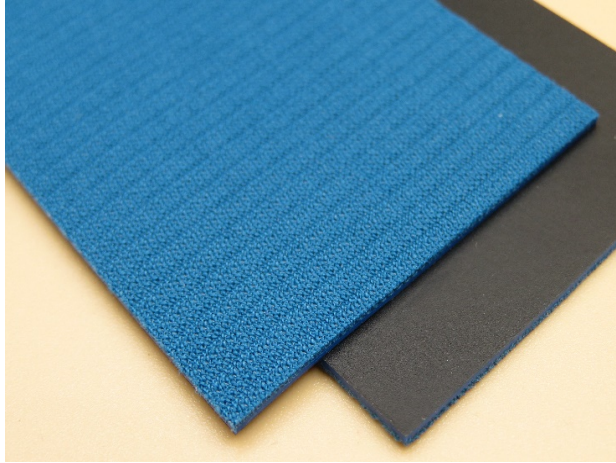


Technical Datasheet	<i>PolySprint™</i> Belt type	STC-10
		Conveyor Belt PS-008 Ver.3

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,
(EU)2015/863)

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