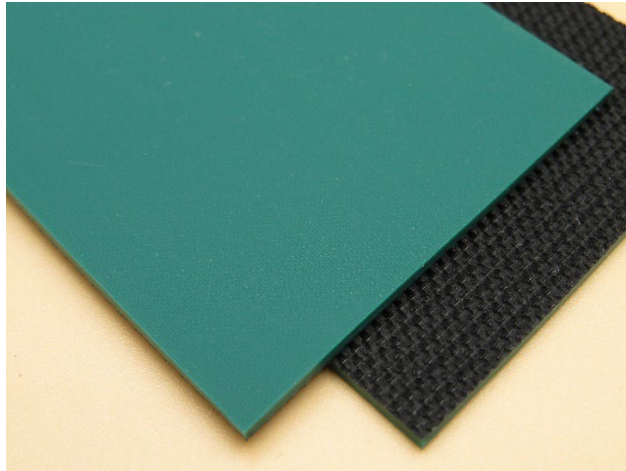


Technical Datasheet	<i>PolySprint™</i> Belt type	TC
		Conveyor Belt PS-006 Ver.5-a

Applications

- Belt on roller / MDR
- Bookbinding machine
- Postal machine
- Logistics
- Light duty conveyor

Construction



Top side	Bottom side
TPU	Conductive resin
Taffeta pattern	Rough pattern
Green	Black

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

Construction 

Dimensions

Width/Roll (max.)	1000mm
Width/Endless (max.)	1000mm
Length (max.)	100m(160m up to 800mmW)
Total thickness	1.4mm
Weight	1.5 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

Food Sanitation Act (Japan)
RoHS(2011/65/EC,
(EU)2015/863)

Features

- Antistatic
- No tensioning device required
- Flame retardant : UL-94 HB
- Slider bed
- Roller bed
- Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	
Finger	25mm
Skiver	40mm
Back flexing	
Finger	25mm
Skiver	40mm

Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0% *	0.3N/mm
Initial tension at 8.0%	2.4N/mm
Tension after relaxation at 8.0% *	1.2N/mm
Operating temperature range	-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	30N/mm
Elongation at break	500%
Maximum allowable tension	2.4N/mm
Maximum allowable elongation	8.0%

Coefficient of friction

	Top	vs. Steel	0.4~0.5
		vs. Paper	0.5~0.6
	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