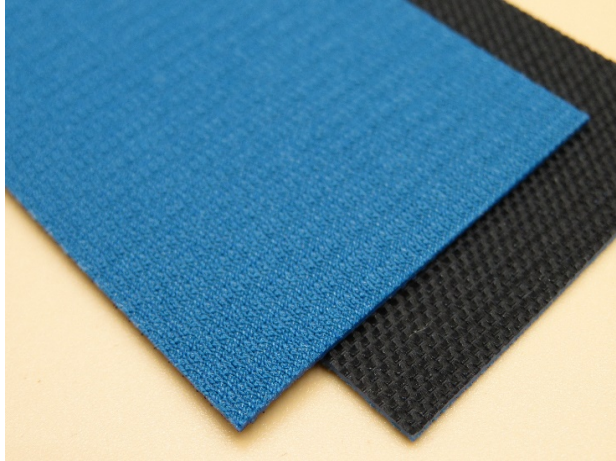



Technical Datasheet	<i>PolySprint™</i> Belt type	NTA
		Conveyor Belt PS-005 Ver.4

Applications

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

Construction



Top side - Knit Blue	Bottom side Conductive resin Rough pattern Black
Tension member - -	Splice Finger (10×30, 20×20) Skiver
Construction	

Dimensions

Width/Roll (max.)	550mm
Width/Endless (max.)	550mm
Length (max.)	100m
Total thickness	1.0mm
Weight	0.9 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
Skiver	25mm
Back flexing	
Finger	25mm
Skiver	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	10N/mm
Elongation at break	150%
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