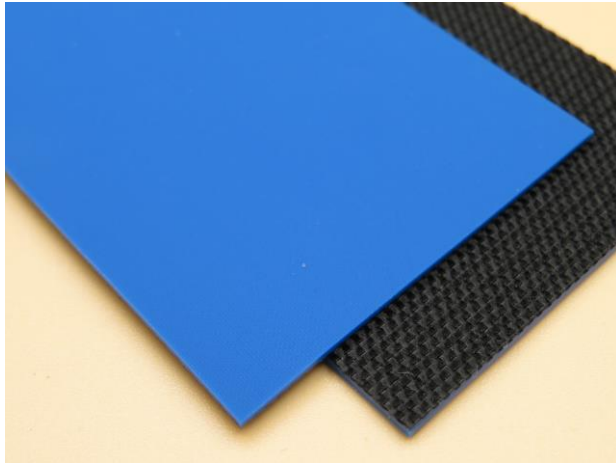



Technical Datasheet	<i>PolySprint™</i> Belt type	TA12
		Conveyor Belt PS-002 ver.0

Applications

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

Construction



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

Dimensions

Width/Roll (max.)	1000mm
Width/Endless (max.)	1000mm
Length (max.)	100m
Total thickness	1.2mm
Weight	1.1 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

- Food Sanitation Act (Japan)
- RoHS(2011/65/EC)
- REACH regulation

Features

- Antistatic
- No tensioning device required
- 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	2.0%
Tension after relaxation at 2.0% *	0.2N/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	25N/mm
Elongation at break	500%
Maximum allowable tension	1.6N/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