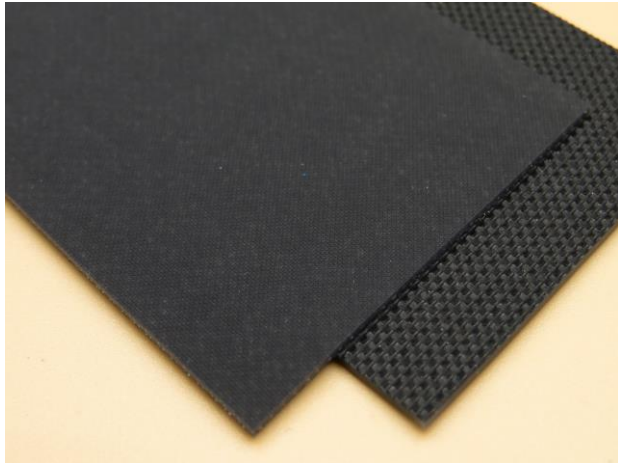



Technical Datasheet	<i>PolySprint™</i> Belt type TA12-BK	Conveyor Belt PS-090 ver.0
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Applications

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

Construction


Top side TPU Taffeta pattern Clear	Bottom side Conductive resin Rough pattern 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

RoHS(2011/65/EC)
 REACH regulation

Features

- Antistatic
- No tensioning device required
- Keep conveyed goods clean
- Slider bed
- Roller bed
- Easy splice with NITTA tool

Properties
Minimum pulley diameter

Flexing	
Finger	25mm
Back flexing	
Finger	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