


Technical Datasheet	PolySprint™	Conveyor Belt
	Belt type	DB-2E12F PS-034 ver.0

Applications

- Bookbinding machine
- Postal machine
- Light duty conveyor

Construction



Top side	Bottom side
TPU	Conductive resin
Taffeta pattern	Matte Surface
Blue	Black
Tension member	Splice
Polyester	Finger
Fabric	(10×30)
Construction	

Dimensions

Width/Roll (max.)	340mm
Width/Endless (max.)	340mm
Length (max.)	100m
Total thickness	1.2mm
Weight	1.5 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

Antistatic
High lateral rigidity
Slider bed
Roller bed
Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	Finger	25mm
Back flexing	Finger	25mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	2N/mm
Initial tension at 2.0%	4N/mm
Tension after relaxation at 2.0% *	3N/mm
Operating temperature range	-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	75N/mm
Elongation at break	25%
Maximum allowable tension	4N/mm
Maximum allowable elongation	2.0%

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