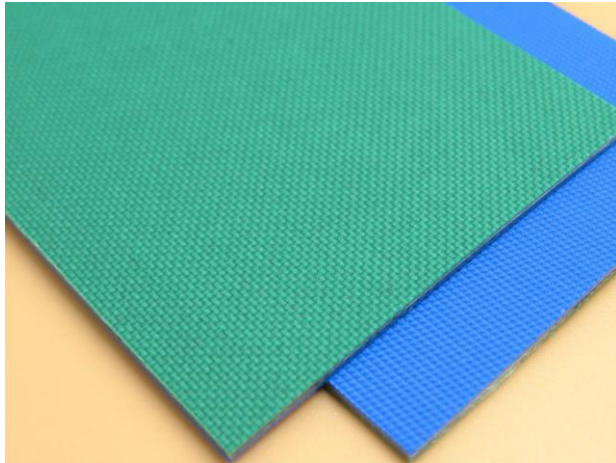


Technical Datasheet	PolySprint™	Conveyor Belt
	Belt type	FZ-5E12 PS-089 ver.0

Applications

- Bookbinding machine
- Printing press
- Light duty conveyor

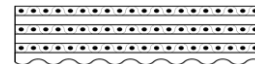
Construction



Top side	Bottom side
Special polyamide	NBR
NBR-impreg. fabric	Textured surface
Green	Blue

Tension member	Splice
Polyester	Finger
Fabric	(10×30, 5×35)

Construction



Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	100m
Total thickness	1.25mm
Weight	1.2 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

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

Properties

Minimum pulley diameter

Flexing	Finger	25mm
Back flexing	Finger	35mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% *	5N/mm
Initial tension at 2.0%	11N/mm
Tension after relaxation at 2.0% *	7N/mm
Operating temperature range	-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	90N/mm
Elongation at break	13%
Maximum allowable tension	11N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

Top	vs. Steel	0.3~0.4
	vs. Paper	0.4~0.5
Bottom	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
	vs. Lagged pulley	0.7~0.9
	vs. POM (resin)	0.5~0.7