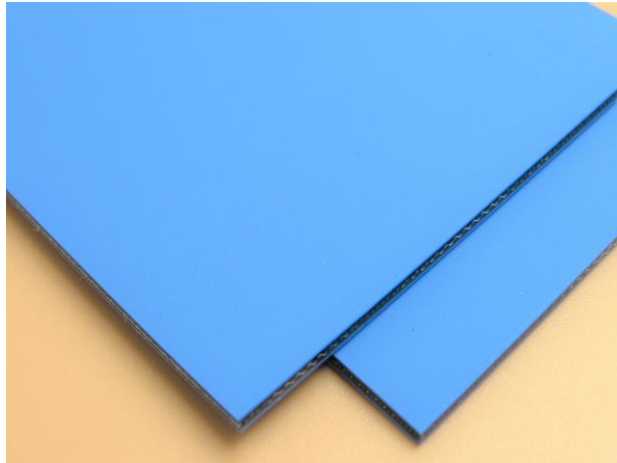



Technical Datasheet	<i>PolySprint™</i>	Power Transmission and Conveyor Belt
	Belt type	SLA-8E14
		PS-014 ver.0

Applications

- Bookbinding machine
- Right angle transfer / RAT
- Postal machine
- Light duty transmission

Construction



Top side	Bottom side
NBR	NBR
Taffeta pattern	Taffeta pattern
Blue	Blue
Tension member	Splice
Polyester	Finger
Fabric	(10×70, 5×35)
Construction	

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	100m
Total thickness	1.4mm
Weight	1.7 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

Antistatic
Whisper
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% *		8N/mm
Initial tension at 2.0%		18N/mm
Tension after relaxation at 2.0% *		12N/mm
Operating temperature range		-20~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	90N/mm
Elongation at break	13%
Maximum allowable tension	18N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

Top	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
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