

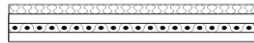
Technical Datasheet	PolySprint™	Conveyor Belt
	Belt type	NB-2E10 PS-073 ver.0

Applications

- Sheeter
- Light duty conveyor

Construction



Top side	Bottom side
-	TPU
Knit	Flat
Blue	Blue
Tension member	Splice
Polyester	Finger
Fabric	(10×30)
Construction	

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	500mm
Length (max.)	100m
Total thickness	1.0mm
Weight	1.2 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

Antistatic
Will not damage conveyed goods
Accumulation
Cut resistance
Slider bed
Roller bed
Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	Finger	15mm
Back flexing	Finger	15mm

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	60N/mm
Elongation at break	20%
Maximum allowable tension	4N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

Top	vs. Steel	0.1~0.2
	vs. Paper	0.2~0.3
Bottom	vs. Steel	0.4~0.5
	vs. Paper	0.5~0.6
	vs. Lagged pulley	0.6~0.8
	vs. POM (resin)	0.4~0.6