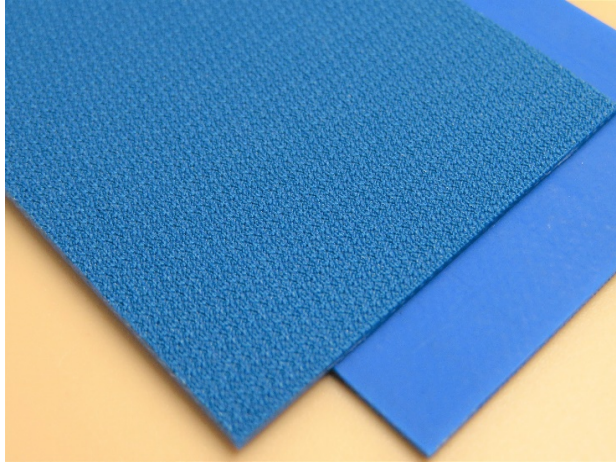


Technical Datasheet	PolySprint™	Conveyor Belt
	Belt type	NB-2E10 PS-073 Ver.3

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,
(EU)2015/863)

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% [*]	2.0N/mm
Initial tension at 2.0%	4.0N/mm
Tension after relaxation at 2.0% [*]	3.0N/mm
Operating temperature range	-20~60°C

^{*}After 200hrs running-in

Tensile properties

Tensile strength	60N/mm
Elongation at break	20%
Maximum allowable tension	4.0N/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