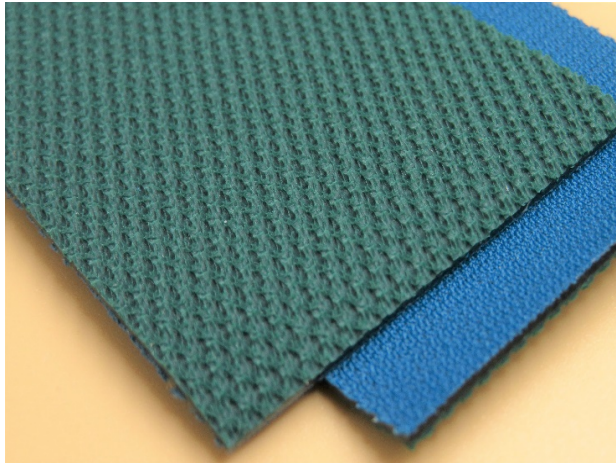


<b>Technical Datasheet</b>	<i>PolySprint™</i> Belt type <b>SNTC-TW18A</b>	Conveyor Belt PS-085 Ver.4
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### Applications

- Belt on roller / MDR
- Logistics
- Light duty conveyor

### Construction



Top side	Bottom side
Soft TPU	-
Mini rough top	Knit
Green	Blue

Tension member	Splice
-	Finger
Knit	(10×30, 20×20)

Construction 

### Dimensions

Width/Roll (max.)	1000mm
Width/Endless (max.)	1000mm
Length (max.)	90m
Total thickness	1.8mm
Weight	1.5 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

RoHS(2011/65/EC,  
(EU)2015/863)

### Features

- Antistatic
- No tensioning device required
- High grip
- Incline conveyance
- Whisper
- Slider bed
- Roller bed
- Easy splice with NITTA tool

### Properties

#### Minimum pulley diameter

Flexing	
Finger	20mm
Back flexing	
Finger	20mm

#### Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0% *	0.3N/mm
Initial tension at 8.0%	2.1N/mm
Tension after relaxation at 8.0% *	1.0N/mm
Operating temperature range	-20~60°C

\*After 200hrs running-in

#### Tensile properties

Tensile strength	15N/mm
Elongation at break	150%
Maximum allowable tension	2.1N/mm
Maximum allowable elongation	8.0%

#### Coefficient of friction

Top	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
Bottom	vs. Steel	0.1~0.2
	vs. Paper	0.2~0.3
	vs. Lagged pulley	0.3~0.5
	vs. POM (resin)	0.1~0.3