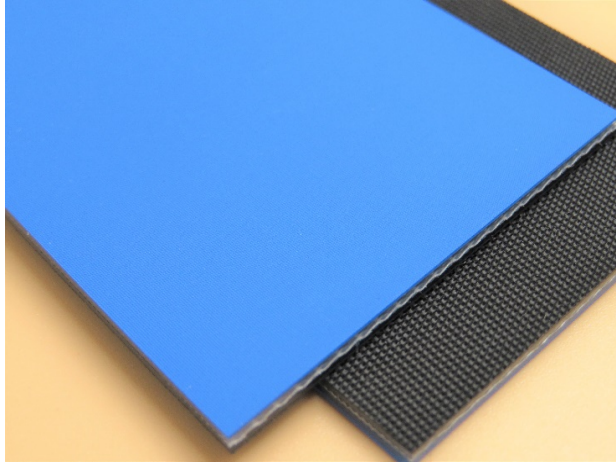


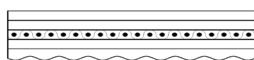
Technical Datasheet	<i>PolySprint™</i> Belt type	Power Transmission and Conveyor Belt TFL-15E25	PS-082 Ver.5
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Applications

- Live roller conveyor
- Heavy duty conveyor
- General transmission belt
- Textile machine(Tangential belt, TFO twister)

Construction



Top side	Bottom side
NBR	NBR
Taffeta pattern	Textured surface
Dark blue	Black
Tension member	Splice
Polyester	Finger
Fabric	(10×120)
Construction	

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	100mm
Length (max.)	200m
Total thickness	2.5mm
Weight	3.0 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Whisper
- Energy saving
- Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	Finger	30mm
Back flexing	Finger	30mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% [*]	15.0N/mm
Initial tension at 2.0%	37.0N/mm
Tension after relaxation at 2.0% [*]	25.0N/mm
Operating temperature range	0~60°C

^{*}After 200hrs running-in

Tensile properties

Tensile strength	150N/mm
Elongation at break	10%
Maximum allowable tension	37.0N/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