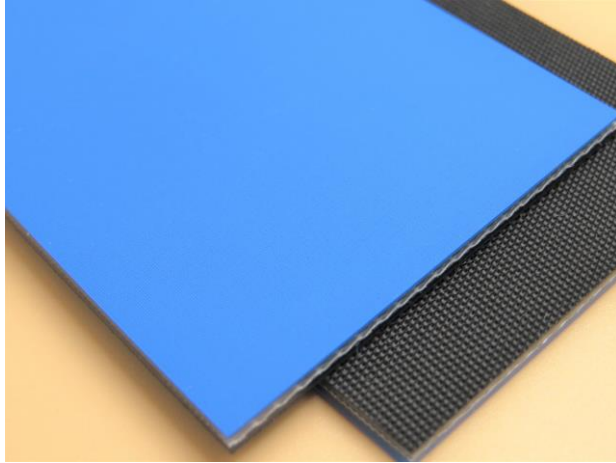


Technical Datasheet	<i>PolySprint™</i> Belt type	Power Transmission and Conveyor Belt TFL-22E26-2	PS-076 ver.0
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Applications

- Open-end machine
- 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.)	500mm
Length (max.)	200m
Total thickness	2.6mm
Weight	3.1 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

Antistatic
Whisper
Energy saving
Easy splice with NITTA tool

Properties

Minimum pulley diameter

Flexing	50mm
Finger	50mm
Back flexing	50mm
Finger	50mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0% [*]	22N/mm
Initial tension at 2.0%	63N/mm
Tension after relaxation at 2.0% [*]	39N/mm
Operating temperature range	0~60°C

^{*}After 200hrs running-in

Tensile properties

Tensile strength	180N/mm
Elongation at break	8%
Maximum allowable tension	63N/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