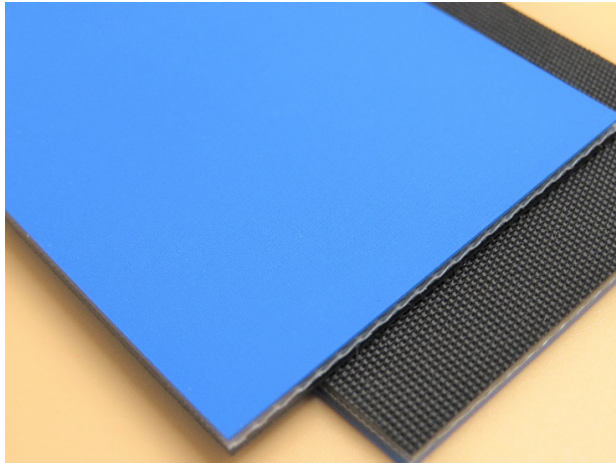


Technical Datasheet	<i>PolySprint™</i> Belt type	Power Transmission and Conveyor Belt TFL-22E26-2	PS-076 Ver.3
----------------------------	---------------------------------	---	--------------

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)

Features

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

Properties

Minimum pulley diameter

Flexing	Finger	50mm
Back flexing	Finger	50mm

Dynamic properties

Standard elongation		1.0%
Tension after relaxation at 1.0% *		22.0N/mm
Initial tension at 2.0%		63.0N/mm
Tension after relaxation at 2.0% *		39.0N/mm
Operating temperature range		0~60°C

*After 200hrs running-in

Tensile properties

Tensile strength	180N/mm
Elongation at break	8%
Maximum allowable tension	63.0N/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