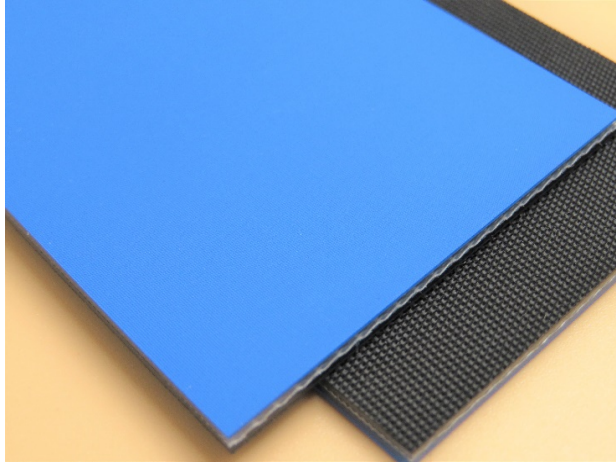


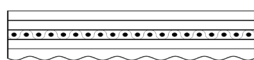
Technical Datasheet	<i>PolySprint™</i> Belt type	Power Transmission and Conveyor Belt TFL-22E26-2	PS-076 Ver.5
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Applications

- Open-end machine
- Heavy duty conveyor
- General transmission belt
- Textile machine(Tangential belt, TFO twister)

Construction



<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">Top side</td> <td style="border-bottom: 1px solid black;">Bottom side</td> </tr> <tr> <td style="border-bottom: 1px solid black;">NBR</td> <td style="border-bottom: 1px solid black;">NBR</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Taffeta pattern</td> <td style="border-bottom: 1px solid black;">Textured surface</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Dark blue</td> <td style="border-bottom: 1px solid black;">Black</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">Tension member</td> <td style="border-bottom: 1px solid black;">Splice</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Polyester</td> <td style="border-bottom: 1px solid black;">Finger</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Fabric</td> <td style="border-bottom: 1px solid black;">(10×120)</td> </tr> </table>	Top side	Bottom side	NBR	NBR	Taffeta pattern	Textured surface	Dark blue	Black	Tension member	Splice	Polyester	Finger	Fabric	(10×120)	<p>Construction </p>
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NBR	NBR														
Taffeta pattern	Textured surface														
Dark blue	Black														
Tension member	Splice														
Polyester	Finger														
Fabric	(10×120)														

Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	100mm
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,
(EU)2015/863)

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