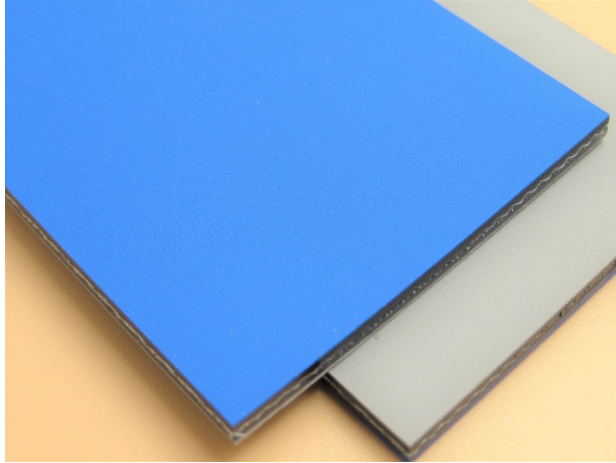


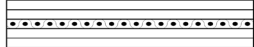
Technical Datasheet	<i>PolySprint™</i> Power Transmission and Conveyor Belt	TFL-22E26C-2
	Belt type	PS-078 Ver.6

Applications

- Textile machine
- Covering machine
- General transmission belt
- Heavy duty conveyor

Construction



<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Top side</td> <td style="padding: 2px;">Bottom side</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">NBR</td> <td style="border-bottom: 1px solid black; padding: 2px;">NBR</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">Taffeta pattern</td> <td style="border-bottom: 1px solid black; padding: 2px;">Taffeta pattern</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">Dark blue</td> <td style="border-bottom: 1px solid black; padding: 2px;">Gray</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Tension member</td> <td style="padding: 2px;">Splice</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">Polyester</td> <td style="border-bottom: 1px solid black; padding: 2px;">Finger</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">Fabric</td> <td style="border-bottom: 1px solid black; padding: 2px;">(10×120)</td> </tr> </table> <p style="margin: 0;">Construction </p>	Top side	Bottom side	NBR	NBR	Taffeta pattern	Taffeta pattern	Dark blue	Gray	Tension member	Splice	Polyester	Finger	Fabric	(10×120)	
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NBR	NBR														
Taffeta pattern	Taffeta pattern														
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Tension member	Splice														
Polyester	Finger														
Fabric	(10×120)														

Dimensions

Width/Roll (max.)	450mm
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