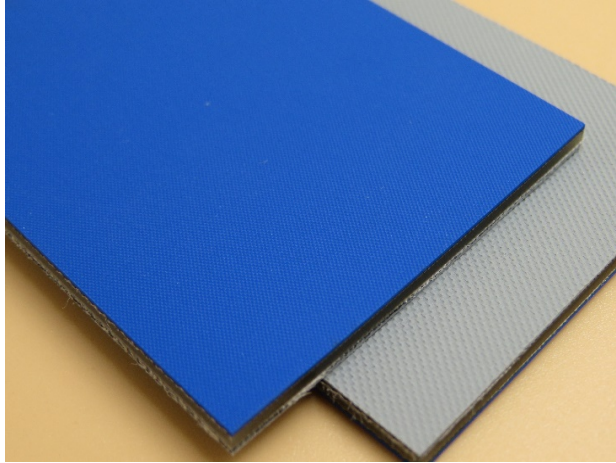


Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	TFL-12S PB-074 Ver.3

Applications

- Textile machine
- General transmission belt
- Centrifugal separator

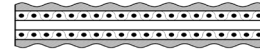
Construction



Top side	Bottom side
NBR	NBR
0.4mm	0.4mm
Taffeta pattern	Rough pattern
Dark blue	Gray

Tension member	Splice
Polyamide	Skiver
Film	
1.25mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	2.85mm
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
- TFO twister
- Draw texturing machine
- Superior abrasion resistance
- Whisper
- Thin (Light) rubber type

Properties

Minimum pulley diameter

Power Transmission Application	
Skiver	125mm

Conveyor Application

Skiver	-
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Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0%	24.5N/mm
Initial tension at 3.0%	73.5N/mm
Tension after relaxation at 3.0%	36.8N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	490N/mm
Elongation at break	20%
Maximum allowable tension	73.5N/mm
Maximum allowable elongation	3.0%

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