

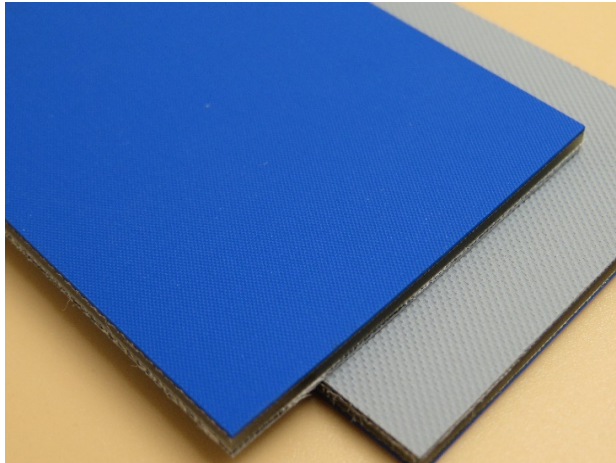
Technical Datasheet	PolyBelt™	Power Transmission Belt
	Belt type	TFL-7S

PB-063 Ver.3

Applications

- Textile machine
- Live roller conveyor
- Centrifugal separator

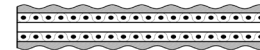
Construction



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

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	2.4mm
Weight	2.6 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC,
(EU)2015/863)

Features

- Antistatic
- TFO twister
- Superior abrasion resistance
- Whisper
- Thin (Light) rubber type

Properties

Minimum pulley diameter

Power Transmission Application
Skiver 75mm

Conveyor Application
Skiver -

Dynamic properties

Standard elongation
2.0%

Tension after relaxation at 2.0%
15.0N/mm

Initial tension at 3.0%
45.0N/mm

Tension after relaxation at 3.0%
22.5N/mm

Operating temperature range
-20~80°C

Operating temperature range*
-20~80°C

*When under continuous use

Tensile properties

Tensile strength
300N/mm

Elongation at break
20%

Maximum allowable tension
45.0N/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