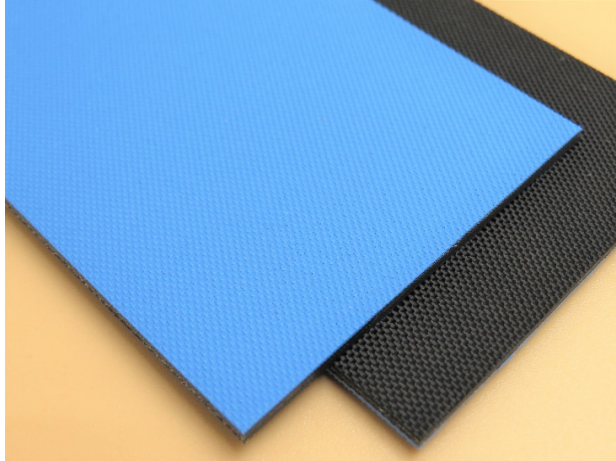


Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	L-250 PB-009 Ver.3

Applications

- Right angle transfer / RAT
- Bookbinding machine
- Light duty transmission
- Light duty conveyor

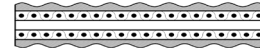
Construction



Top side	Bottom side
NBR	NBR
0.3mm	0.3mm
Rough pattern	Rough pattern
Blue	Black

Tension member	Splice
Polyamide	Skiver
Film	
0.2mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	1.25mm
Weight	1.4 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Superior abrasion resistance
- Superior oil resistance
- Roller bed
- Thin (Light) rubber type

Properties

Minimum pulley diameter

Power Transmission Application
Skiver 25mm

Conveyor Application
Skiver 20mm

Dynamic properties

Standard elongation 2.0%

Tension after relaxation at 2.0%
3.0N/mm

Initial tension at 3.0%
9.0N/mm

Tension after relaxation at 3.0%
4.5N/mm

Operating temperature range
-20~80°C

Operating temperature range*
-20~80°C

*When under continuous use

Tensile properties

Tensile strength 60N/mm

Elongation at break 20%

Maximum allowable tension 9.0N/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