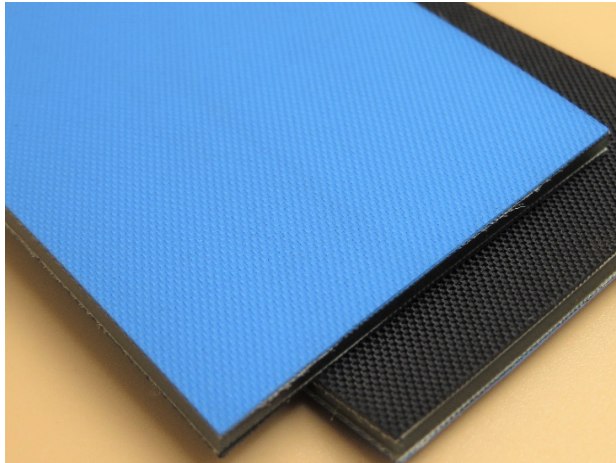


Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	L-2000 PB-015 Ver.3

Applications

- Papermaking machine
- General transmission belt

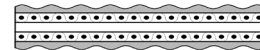
Construction



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

Tension member	Splice
Polyamide	Skiver
Film	
2.0mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	3.45mm
Weight	4.0 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
- Thin (Light) rubber type

Properties

Minimum pulley diameter

Power Transmission Application
Skiver 200mm

Conveyor Application
Skiver 120mm

Dynamic properties

Standard elongation
2.0%

Tension after relaxation at 2.0%
30.0N/mm

Initial tension at 3.0%
90.0N/mm

Tension after relaxation at 3.0%
45.0N/mm

Operating temperature range
-20~80°C

Operating temperature range*
-20~80°C

*When under continuous use

Tensile properties

Tensile strength
600N/mm

Elongation at break
20%

Maximum allowable tension
90.0N/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