

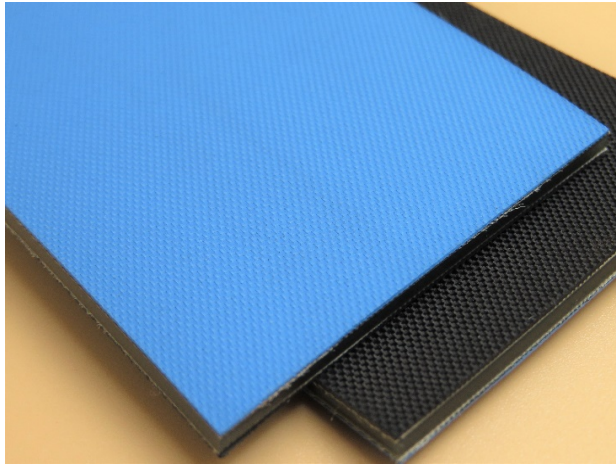
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	L-1500

PB-014 Ver.3

Applications

- General transmission belt

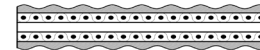
Construction



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

Tension member	Splice
Polyamide	Skiver
Film	
1.5mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	2.95mm
Weight	3.4 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
- Thin (Light) rubber type

Properties

Minimum pulley diameter

 Power Transmission Application
Skiver 150mm

 Conveyor Application
Skiver 90mm

Dynamic properties

 Standard elongation
2.0%

 Tension after relaxation at 2.0%
22.5N/mm

 Initial tension at 3.0%
67.5N/mm

 Tension after relaxation at 3.0%
33.8N/mm

 Operating temperature range
-20~80°C

 Operating temperature range*
-20~80°C

*When under continuous use

Tensile properties

 Tensile strength
450N/mm

 Elongation at break
20%

 Maximum allowable tension
67.5N/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