

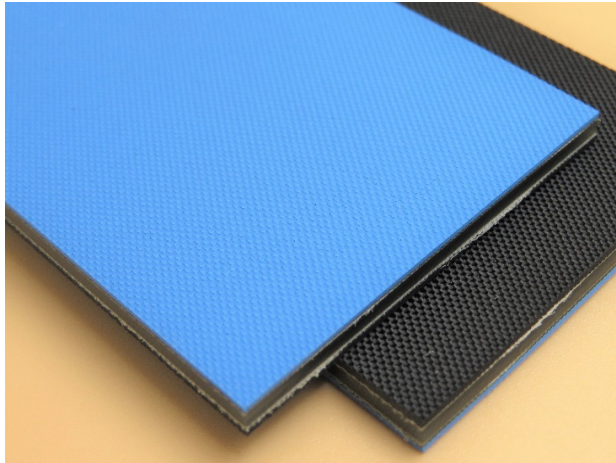
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	M-1500

PB-029 Ver.3

Applications

- General transmission belt

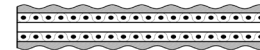
Construction



Top side	Bottom side
NBR	NBR
0.6mm	0.6mm
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	3.5mm
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
- Medium thickness 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