

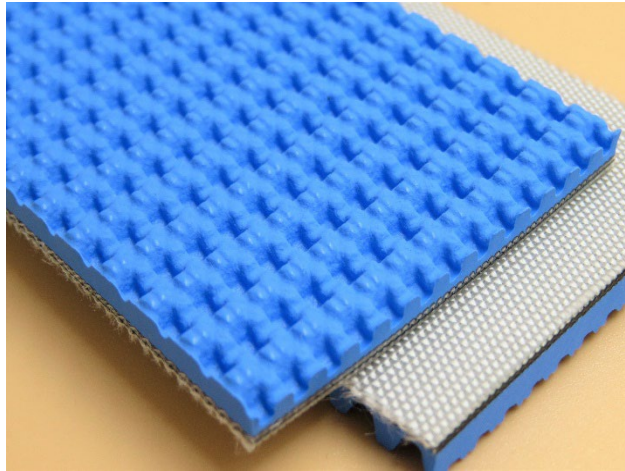
Technical Datasheet	PolyBelt™	Conveyor Belt
	Belt type	NRT-100

PB-081 Ver.3

Applications

- Flexo folder gluer
- Woodworking machine

Construction



Top side	Bottom side
NBR	Polyester
-	-
Rough top	Fabric
Blue	White

Tension member	Splice
Polyester	Mechanical lacing
Fabric	Skiver
2.0ply	

Construction



Dimensions

Width/Roll (max.)	480mm
Width/Endless (max.)	300mm
Length (max.)	50m
Total thickness	approx. 4.5mm
Weight	3.6 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Cushioning property
- High grip
- Superior abrasion resistance
- Incline conveyance
- Slider bed
- Roller bed

Properties

Minimum pulley diameter

Power Transmission Application	
Mechanical lacing	-
Skiver	-
Conveyor Application	
Mechanical lacing	50mm
Skiver	50mm

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	3.0N/mm
Initial tension at 1.0%	12.0N/mm
Tension after relaxation at 1.0%	6.0N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	150N/mm
Elongation at break	20%
Maximum allowable tension	12.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.9~1.0
	vs. Paper	about 1.0
Bottom	vs. Steel	0.2~0.3
	vs. Paper	0.3~0.4
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4