

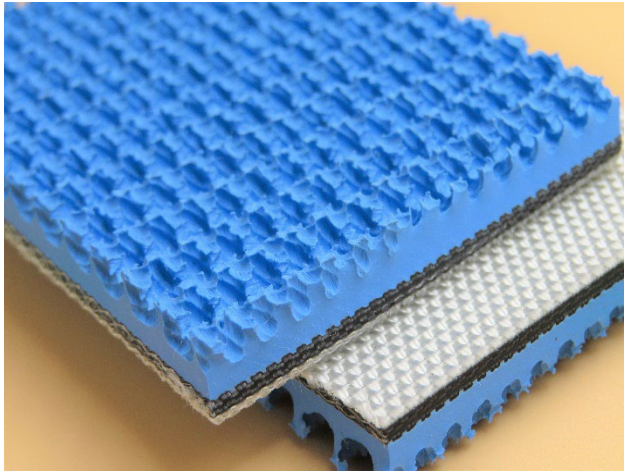
Technical Datasheet	PolyBelt™	Conveyor Belt
	Belt type	<b>RT-300</b>

PB-082 Ver.3

### Applications

- Flexo folder gluer
- Woodworking machine
- Corrugating machine (Cut off)

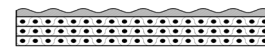
### Construction



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

Tension member	Splice
Polyester	Skiver
Fabric	Mechanical lacing
3.0ply	

Construction



### Dimensions

Width/Roll (max.)	500mm
Width/Endless (max.)	300mm
Length (max.)	42m
Total thickness	approx. 7.0mm
Weight	6.5 Kg/m <sup>2</sup>

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	
Skiver	-
Mechanical lacing	-
Conveyor Application	
Skiver	100mm
Mechanical lacing	100mm

#### 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	290N/mm
Elongation at break	15%
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