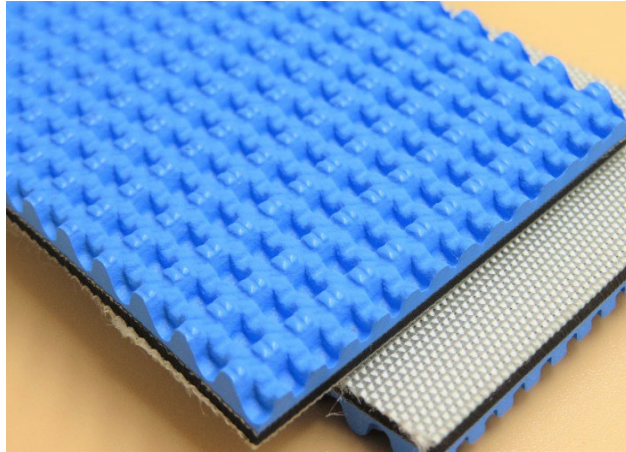


Technical Datasheet	PolyBelt™	Conveyor Belt
	Belt type	<b>NRT-0</b> PB-080 Ver.4

### Applications

- Flexo folder gluer
- Woodworking machine

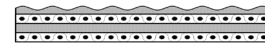
### Construction



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

Tension member	Splice
Polyester	Mechanical lacing
Fabric	Skiver
2.0mm	

Construction



### Dimensions

Width/Roll (max.)	480mm
Width/Endless (max.)	300mm
Length (max.)	50m
Total thickness	approx. 5.5mm
Weight	4.8 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	
Mechanical lacing	-
Skiver	-
Conveyor Application	
Mechanical lacing	100mm
Skiver	100mm

#### Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	1.5N/mm
Initial tension at 1.0%	6N/mm
Tension after relaxation at 1.0%	3N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

\*When under continuous use

#### Tensile properties

Tensile strength	130N/mm
Elongation at break	20%
Maximum allowable tension	6N/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