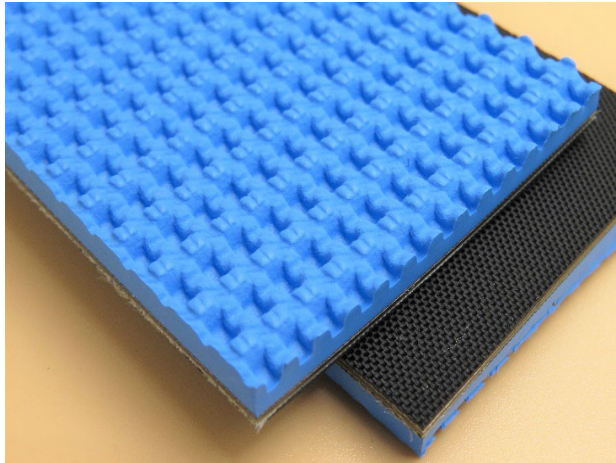


Technical Datasheet	PolyBelt™	Conveyor Belt
	Belt type	<b>NRT-500</b> PB-231 Ver.4

### Applications

- Flexo folder gluer
- Woodworking machine

### Construction



Top side	Bottom side
NBR	Polyamide
-	-
Rough top	NBR-impreg. fabric
Blue	Black

Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction 

### Dimensions

Width/Roll (max.)	480mm
Width/Endless (max.)	300mm
Length (max.)	45m
Total thickness	approx. 6.0mm
Weight	5.6 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
- Roller bed

### Properties

#### Minimum pulley diameter

Power Transmission Application  
Skiver -

Conveyor Application  
Skiver 90mm

#### Dynamic properties

Standard elongation  
1.0%

Tension after relaxation at 1.0%  
3.8N/mm

Initial tension at 3.0%  
22.8N/mm

Tension after relaxation at 3.0%  
11.4N/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  
22.8N/mm

Maximum allowable elongation  
3.0%

#### Coefficient of friction

Top vs. Steel  
0.9~1.0

vs. Paper  
about 1.0

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