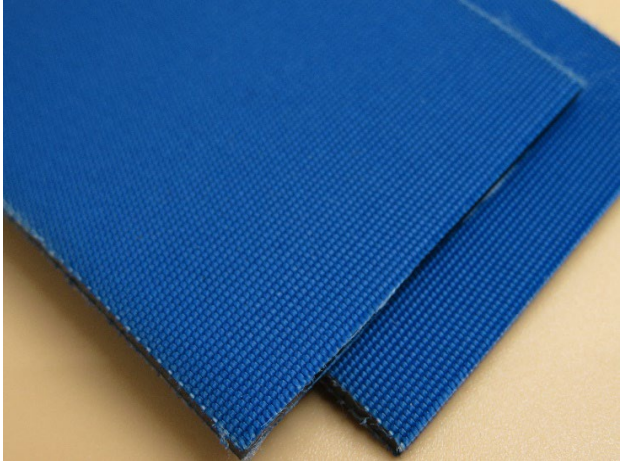



Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	<b>TTA-1500</b> PN-028 Ver.0

**Applications**

**Construction**



Top side	Bottom side
Polyamide	Polyamide
-	-
Fabric	Fabric
Blue	Blue
Tension member	Splice
Polyamide	Skiver
Film	
1.5mm	

Construction 

**Dimensions**

Width/Roll (max.)	320mm
Width/Endless (max.)	320mm
Length (max.)	100m
Total thickness	2.3mm
Weight	2.2 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

**Regulatory compliance**  
RoHS(2011/65/EC,  
(EU)2015/863)

**Features**

- Superior abrasion resistance
- High lateral rigidity
- Slider bed
- Roller bed

**Properties**

<b>Minimum pulley diameter</b>	
Power Transmission Application	150mm
Skiver	80mm
<b>Conveyor Application</b>	
Skiver	80mm

**Dynamic properties**

Standard elongation	1.0%
Tension after relaxation at 1.0%	11.2N/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	0.2~0.3
	vs. Paper	0.3~0.4
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