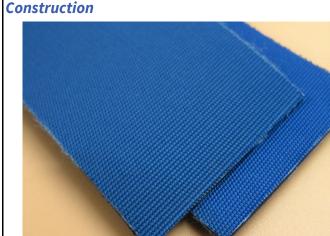


Technical Datasheet	PolyBelt [™]	Power Transmission and Conve	yor Belt
	Belt type	TTA-500 PN-02	26 Ver.0

Applications

Dimensions



Top side	Bottom side
Polyamide	Polyamide
<u>-</u>	<u> </u>
<u>Fabric</u>	Fabric
Blue	Blue
Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	
Construction	/3\0\0\0/0\0/0\0/0\0/0\0/0\0/0\0/0\0/0\0

Width/Roll (max.) 320mm Width/Endless (max.) 320mm Length (max.)

Total thickness 1.3mm

100m

1.2 Kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Weight

Superior abrasion resistance High lateral rigidity Slider bed Roller bed

Properties

Minimum pulley diameter **Power Transmission Application** Skiver 50_{mm}

Conveyor Application 40mm Skiver

Dynamic properties

Standard elongation 1.0% Tension after relaxation at 1.0% 3.8N/mm Initial tension at 3.0% 22.5N/mm Tension after relaxation at 3.0% 11.3N/mm Operating temperature range -20~80°C Operating temperature range* -20~80°C

Tensile properties

Tensile strength 150N/mm Elongation at break 20% Maximum allowable tension 22.5N/mm Maximum allowable elongation 3.0%

Coefficient of friction

Тор	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

*When under continuous use