

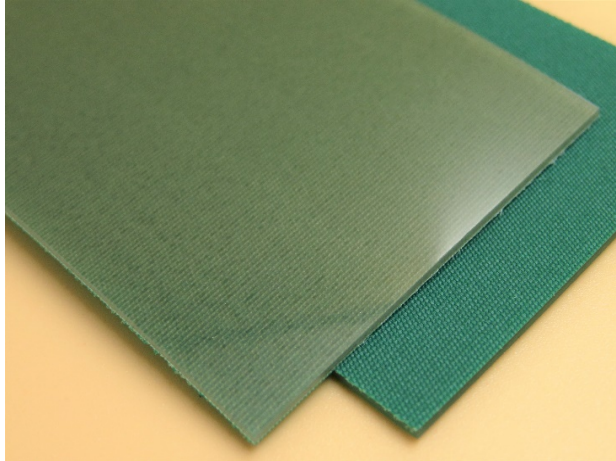
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	SG-750-2P

PB-006 Ver.3

Applications

- Can manufacturing machine
- Light duty conveyor
- Printing press

Construction



Top side	Bottom side
Polyamide film	Polyamide
-	-
Flat	NBR-impreg. fabric
-	Green

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	

 Construction 

Dimensions

Width/Roll (max.)	300mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	1.1mm
Weight	1.2 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

 Slider bed
 Roller bed

Properties

Minimum pulley diameter

Power Transmission Application	
Skiver	75mm

Conveyor Application

Skiver	50mm
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Dynamic properties

Standard elongation	1.0%
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Tension after relaxation at 1.0%	5.6N/mm
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Initial tension at 3.0%	33.6N/mm
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Tension after relaxation at 3.0%	16.8N/mm
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Operating temperature range	-20~80°C
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Operating temperature range*	-20~80°C
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*When under continuous use

Tensile properties

Tensile strength	225N/mm
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Elongation at break	20%
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Maximum allowable tension	33.6N/mm
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Maximum allowable elongation	3.0%
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Coefficient of friction

Top	vs. Steel
	0.1~0.2

	vs. Paper
	0.2~0.3

Bottom	vs. Steel
	0.3~0.4

	vs. Paper
	0.4~0.5

	vs. Lagged pulley
	0.5~0.7

	vs. POM (resin)
	0.3~0.5