

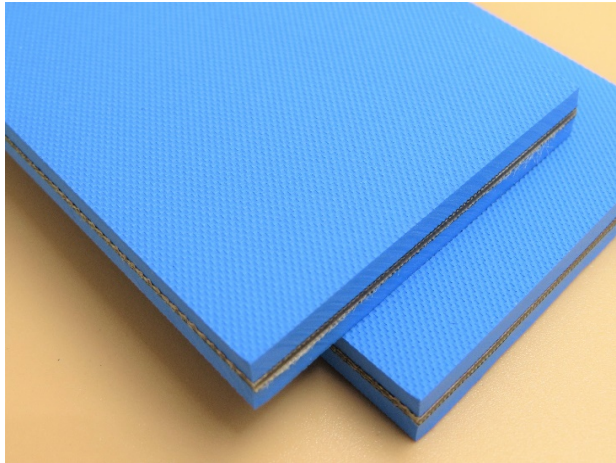
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	XH-500-6

PB-052 Ver.3

Applications

- Folder gluer
- Woodworking machine
- Light duty conveyor

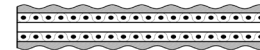
Construction



Top side	Bottom side
NBR	NBR
2.4mm	2.4mm
Rough pattern	Rough pattern
Blue	Blue

Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction



Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	50m
Total thickness	6.0mm
Weight	7.4 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- High grip
- Twist resistance
- Superior abrasion resistance
- Thicker (Extra Heavy) rubber type

Properties

Minimum pulley diameter

Power Transmission Application	Skiver	80mm
Conveyor Application	Skiver	60mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	3.8N/mm
Initial tension at 2.0%	15.2N/mm
Tension after relaxation at 2.0%	7.6N/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	15.2N/mm
Maximum allowable elongation	2.0%

Coefficient of friction

Top	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
Bottom	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
	vs. Lagged pulley	0.9~1.1
	vs. POM (resin)	0.7~0.9