

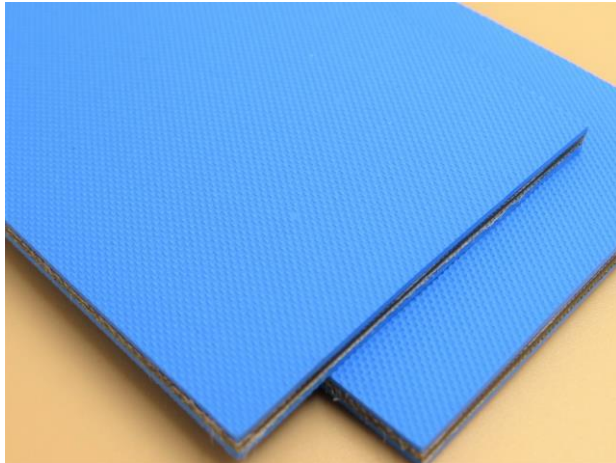
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	XH-500-3

PB-048 ver.0

Applications

- Folder gluer
- Woodworking machine
- Light duty conveyor

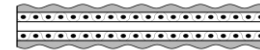
Construction



Top side	Bottom side
NBR	NBR
0.9mm	0.9mm
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.)	103m
Total thickness	3.0mm
Weight	3.4 Kg/m ²

©Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC)
REACH regulation

Features

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

Properties

Minimum pulley diameter

Power Transmission Application	Skiver	50mm
Conveyor Application	Skiver	30mm

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