

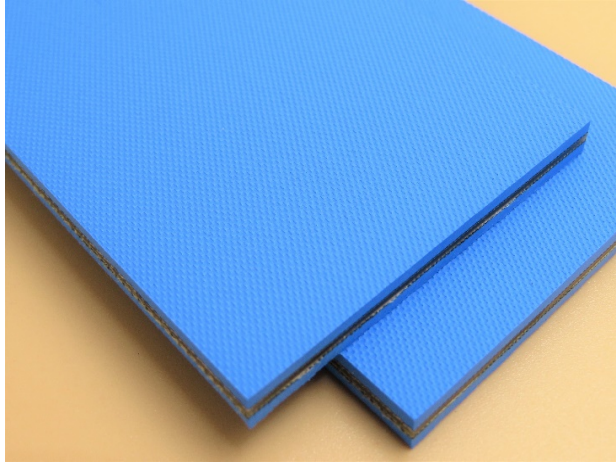
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	XH-1000-4

PB-058 Ver.3

Applications

- Folder gluer
- Woodworking machine
- Medium duty conveyor
- Tube winder

Construction



Top side	Bottom side
NBR	NBR
1.2mm	1.2mm
Rough pattern	Rough pattern
Blue	Blue

Tension member	Splice
Polyamide	Skiver
Film	
1.0mm	

Construction 

Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	103m
Total thickness	4.0mm
Weight	4.4 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	100mm
Conveyor Application	
Skiver	80mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	7.5N/mm
Initial tension at 2.0%	30.0N/mm
Tension after relaxation at 2.0%	15.0N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	300N/mm
Elongation at break	20%
Maximum allowable tension	30.0N/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