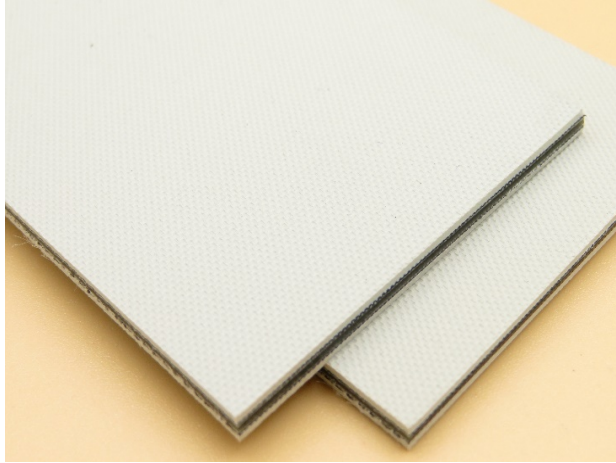


Technical Datasheet	PolyBelt™ Belt type	Power Transmission and Conveyor Belt XH-500-4-F	PB-291 Ver.3
----------------------------	-------------------------------	--	--------------

Applications

- Folder gluer

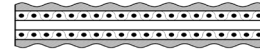
Construction



Top side	Bottom side
NBR	NBR
1.4mm	1.4mm
Rough pattern	Rough pattern
Light gray	Light gray

Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction



Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	103m
Total thickness	4.0mm
Weight	4.3 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

Food Sanitation Act (Japan)
RoHS(2011/65/EC,
(EU)2015/863)
FDA 21 CFR177.2600*

*The surface rubber meets the extraction limits

Features

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

Properties

Minimum pulley diameter

Power Transmission Application
Skiver 60mm

Conveyor Application
Skiver 40mm

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