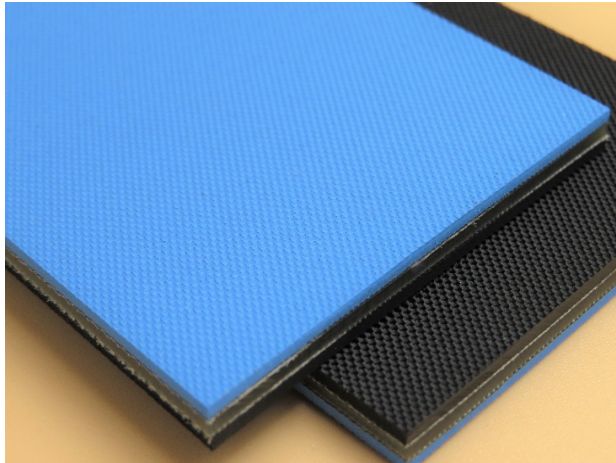


Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	H-500 PB-037 Ver.3

Applications

- Light duty transmission
- Light duty conveyor

Construction



Top side	Bottom side
NBR	NBR
1.1mm	1.1mm
Rough pattern	Rough pattern
Blue	Black

Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction 

Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	3.5mm
Weight	3.8 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Superior abrasion resistance
- Superior oil resistance
- Roller bed
- Thick (Heavy) rubber type

Properties

Minimum pulley diameter

Power Transmission Application	Skiver	50mm
Conveyor Application	Skiver	50mm

Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0%	7.5N/mm
Initial tension at 3.0%	22.5N/mm
Tension after relaxation at 3.0%	11.3N/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	22.5N/mm
Maximum allowable elongation	3.0%

Coefficient of friction

Top	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
Bottom	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
	vs. Lagged pulley	0.7~0.9
	vs. POM (resin)	0.5~0.7