

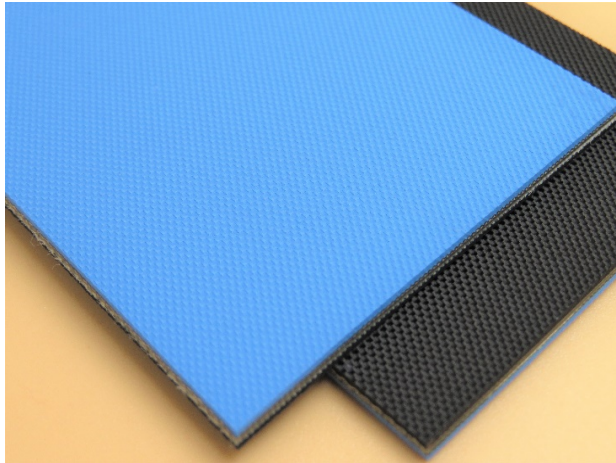
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	M-750

PB-027 Ver.3

Applications

- General transmission belt

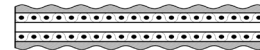
Construction



Top side	Bottom side
NBR	NBR
0.6mm	0.6mm
Rough pattern	Rough pattern
Blue	Black

Tension member	Splice
Polyamide	Skiver
Film	
0.75mm	

Construction



Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	2.75mm
Weight	3.0 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
- Medium thickness rubber type

Properties

Minimum pulley diameter

Power Transmission Application	75mm
Skiver	
Conveyor Application	50mm
Skiver	

Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0%	11.2N/mm
Initial tension at 3.0%	33.6N/mm
Tension after relaxation at 3.0%	16.8N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	225N/mm
Elongation at break	20%
Maximum allowable tension	33.6N/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