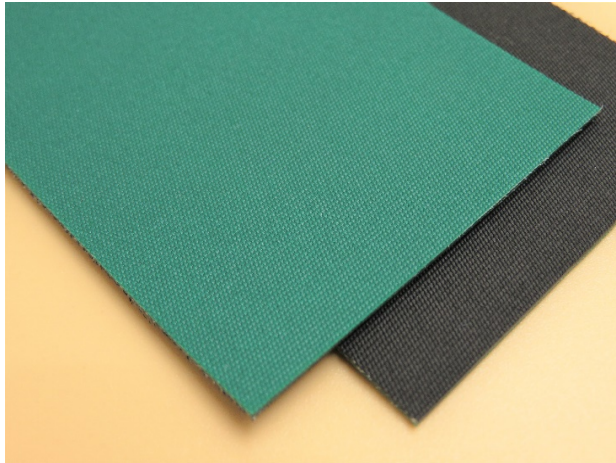



Technical Datasheet	PolyBelt™ Belt type	Power Transmission and Conveyor Belt SG-250
		PB-001 Ver.3

- Applications**
- Sheet-fed printing press
 - Rotary printing press
 - Light duty conveyor

Construction



Top side	Bottom side
Polyamide	Polyamide
-	-
NBR-impreg. fabric	NBR-impreg. fabric
Green	Black
Tension member	Splice
Polyamide	Skiver
Film	
0.2mm	
Construction	

Dimensions

Width/Roll (max.)	325mm
Width/Endless (max.)	300mm
Length (max.)	105m
Total thickness	0.8mm
Weight	0.8 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Moderate C.O.F.
- Slider bed
- Roller bed

Properties

Minimum pulley diameter

Power Transmission Application	Skiver	25mm
Conveyor Application	Skiver	20mm

Dynamic properties

Standard elongation	2.0%
Tension after relaxation at 2.0%	3.0N/mm
Initial tension at 3.0%	9.0N/mm
Tension after relaxation at 3.0%	4.5N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	60N/mm
Elongation at break	20%
Maximum allowable tension	9.0N/mm
Maximum allowable elongation	3.0%

Coefficient of friction

Top	vs. Steel	0.3~0.4
	vs. Paper	0.4~0.5
Bottom	vs. Steel	0.3~0.4
	vs. Paper	0.4~0.5
	vs. Lagged pulley	0.5~0.7
	vs. POM (resin)	0.3~0.5