

Technical Datasheet	Conveyor Belt	
	Belt type	GU-6A
		U-012 Ver.5

Applications

- Material handling
- Food conveyance
- Light duty conveyor

Construction



Top side

TPU
0.3mm
Matte surface
Green

Bottom side

Polyester
-
Fabric
White

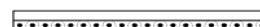
Tension member

Polyester
Fabric
1ply

Splice

Finger
Skiver

Construction



Dimensions

Width/Roll (max.)	1,500mm
Width/Endless (max.)	1,500mm
Length (max.)	100m
Total thickness	0.7mm
Weight	0.7 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

Food Sanitation Act (Japan)
RoHS(2011/65/EC,
(EU)2015/863)

Features

Antistatic
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	10mm
Skiver	20mm
Back flexing	
Finger	15mm
Skiver	20mm
Knife edge	
Finger	R2

Dynamic properties

Standard elongation	0.3%
Tension after relaxation at 0.3%	0.6N/mm
Initial tension at 1.0%	4.0N/mm
Tension after relaxation at 1.0%	2.0N/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	15%
Maximum allowable tension	4.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.4~0.5
	vs. Paper	0.5~0.6
Bottom	vs. Steel	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4