

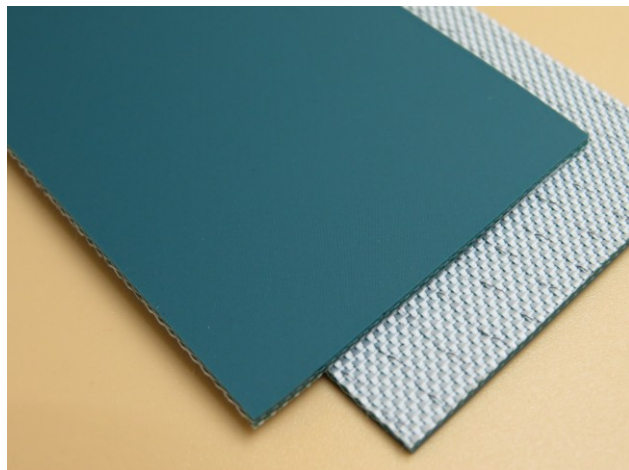
Technical Datasheet	Conveyor Belt	
	Belt type	GUH-18A

U-029 Ver.6

Applications

- Material handling
- Food conveyance
- Heavy duty conveyor
- Accumulation conveyor
- Steel plate conveyance

Construction



Top side

Hard TPU
0.3mm
Matte surface
Green

Bottom side

Polyester
-
Fabric
White

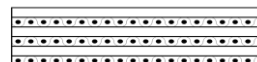
Tension member

Polyester
Fabric
3ply

Splice

Finger
Skiver

Construction



Dimensions

Width/Roll (max.)	1,500mm
Width/Endless (max.)	1,500mm
Length (max.)	100m
Total thickness	1.9mm
Weight	1.9 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
Abrasion resistance
Accumulation
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	70mm
Skiver	100mm
Back flexing	
Finger	80mm
Skiver	100mm
Knife edge	-

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	3.0N/mm
Initial tension at 1.0%	12.0N/mm
Tension after relaxation at 1.0%	6.0N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	180N/mm
Elongation at break	15%
Maximum allowable tension	12.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

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