

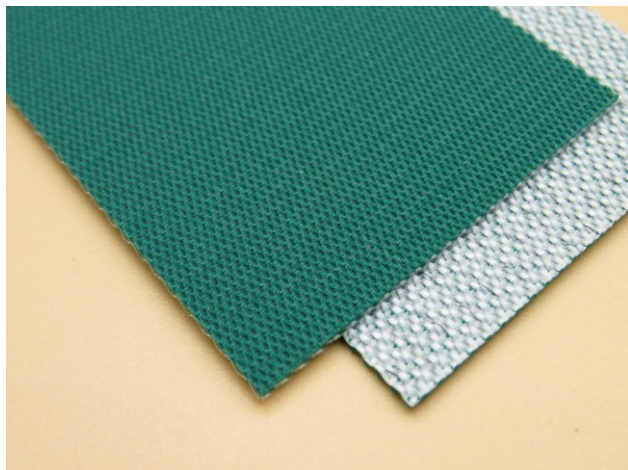
Technical Datasheet	Conveyor Belt	
	Belt type	GUM-7ANL

U-081 Ver.5

Applications

- Material handling
- Food conveyance
- Incline / Decline conveyor
- Light duty conveyor

Construction



Top side

TPU

0.4mm

M pattern

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

1.15mm

Weight

0.9 kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic
Whisper
High lateral rigidity
Incline conveyance
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

70N/mm

Elongation at break

30%

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