

Technical Datasheet	Conveyor Belt	
	Belt type	GUSRB-7ANL

U-127 Ver.6

Applications

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

Construction



Top side

Soft TPU

0.7mm

RB 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

1.6mm

Weight

1.1 kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic
High grip
Incline conveyance
Whisper
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing

Finger

25mm

Skiver

40mm

Back flexing

Finger

30mm

Skiver

40mm

Knife edge

-

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

35%

Maximum allowable tension

4.0N/mm

Maximum allowable elongation

1.0%

Coefficient of friction

Top vs. Steel

approx.1.0

vs. Paper

approx.1.0

Bottom vs. Steel

0.1~0.3

vs. Lagged pulley

0.3~0.6

vs. POM (resin)

0.1~0.4