

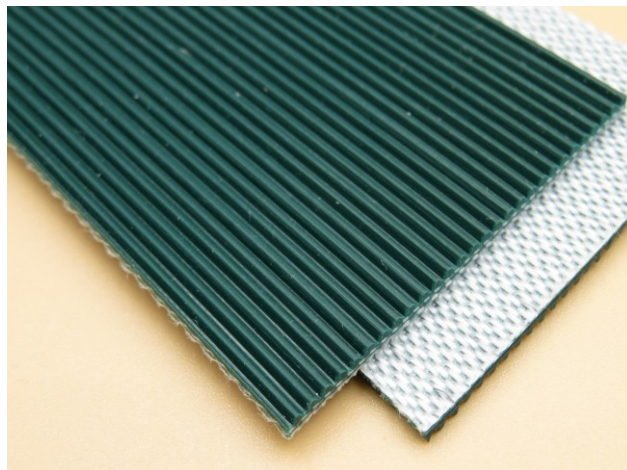
Technical Datasheet	Conveyor Belt	
	Belt type	GUSRB-14ANL

U-118 Ver.6

Applications

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

Construction



Top side

Soft TPU

0.7mm

RB pattern

Green

Bottom side

Polyester

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Fabric

White

Tension member

Polyester

Fabric

2ply

Splice

Finger

Skiver

Construction



Dimensions

Width/Roll (max.)

1,500mm

Width/Endless (max.)

1,500mm

Length (max.)

100m

Total thickness

2.1mm

Weight

1.8 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

35mm

Skiver

60mm

Back flexing

Finger

40mm

Skiver

60mm

Knife edge

-

Dynamic properties

Standard elongation

0.5%

Tension after relaxation at 0.5%

2.0N/mm

Initial tension at 1.0%

8.0N/mm

Tension after relaxation at 1.0%

4.0N/mm

Operating temperature range

-20~80°C

Operating temperature range*

-20~80°C

*When under continuous use

Tensile properties

Tensile strength

140N/mm

Elongation at break

15%

Maximum allowable tension

8.0N/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