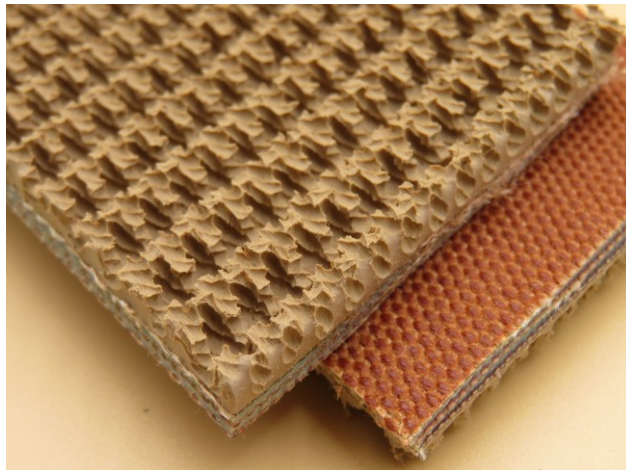


| Technical Datasheet | Conveyor Belt |             |
|---------------------|---------------|-------------|
|                     | Belt type     | GRT-24AK    |
|                     |               | G-006 Ver.8 |

### Applications

- Flexo folder gluer
- Incline / Decline conveyor
- Heavy duty conveyor

### Construction



#### Top side

NR

-

Rough top

Brown

#### Bottom side

Polyamide

-

Fabric

Brown

#### Tension member

Polyamide

Fabric

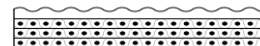
3ply

#### Splice

Skiver

Mechanical lacing

#### Construction



### Dimensions

Width/Roll (max.)

1,800mm

Width/Endless (max.)

1,800mm

Length (max.)

50m

Total thickness

7.0mm

Weight

5.9 kg/m<sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

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

### Features

Cushioning property  
High grip  
Incline conveyance  
Slider bed  
Roller bed

### Properties

#### Minimum pulley diameter

Flexing

Skiver

80mm

Mechanical lacing

80mm

Back flexing

Skiver

80mm

Mechanical lacing

80mm

Knife edge

-

#### Dynamic properties

Standard elongation

0.5%

Tension after relaxation at 0.5%

1.5N/mm

Initial tension at 1.0%

6.0N/mm

Tension after relaxation at 1.0%

3.0N/mm

Operating temperature range

-20~80°C

Operating temperature range\*

-20~80°C

\*When under continuous use

#### Tensile properties

Tensile strength

240N/mm

Elongation at break

20%

Maximum allowable tension

6.0N/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