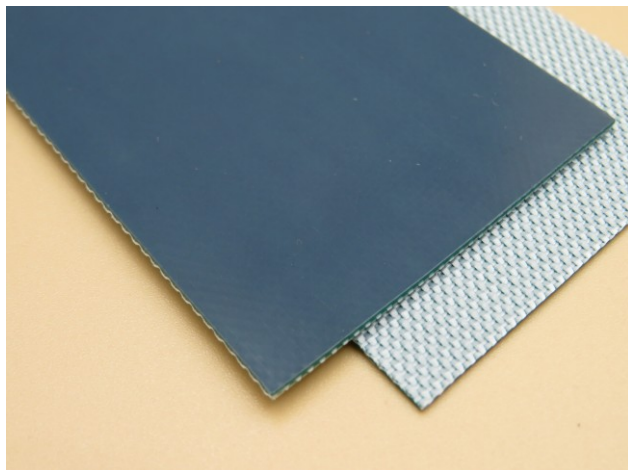


Technical Datasheet	Conveyor Belt	
	Belt type	U-025 Ver.5

Applications

- Food conveyance
- Medium duty conveyor
- Dough conveyor
- Rice conveyor

Construction



Top side

PTFE sheet
0.1mm
Flat
Gray

Bottom side

Polyester
-
Fabric
White

Tension member

Polyester
Fabric
2ply

Splice

Finger
Skiver

Construction



Dimensions

Width/Roll (max.)

1,000mm

Width/Endless (max.)

1,000mm

Length (max.)

100m

Total thickness

1.3mm

Weight

1.3 kg/m²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

High release
Easy to clean
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing

Finger

45mm

Skiver

70mm

Back flexing

Finger

50mm

Skiver

70mm

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

120N/mm

Elongation at break

15%

Maximum allowable tension

8.0N/mm

Maximum allowable elongation

1.0%

Coefficient of friction

Top vs. Steel

0.1~0.2

vs. Paper

0.2~0.3

Bottom vs. Steel

0.1~0.3

vs. Lagged pulley

0.3~0.6

vs. POM (resin)

0.1~0.4