

Technical Datasheet	Conveyor Belt	
	Belt type	SU-12A
		S-003 Ver.7

Applications

- Food conveyance
- Hygiene / Diaper, napkin
- Incline / Decline conveyor
- Medium duty conveyor

Construction



Top side	Bottom side
Silicone	Polyester
0.1mm	-
Flat	Fabric
Clear	White
Tension member	Splice
Polyester	Finger
Fabric	
2ply	
Construction	

Dimensions

Width/Roll (max.)	1,000mm
Width/Endless (max.)	1,000mm
Length (max.)	100m
Total thickness	1.2mm
Weight	1.1 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

Antistatic
High release
Easy to clean
High grip
Incline conveyance
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	15mm
	-
Back flexing	
Finger	20mm
	-
Knife edge	
Finger	R5

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	-20~40°C
Operating temperature range*	-20~40°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	0.9~1.0
	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