

Technical Datasheet	Conveyor Belt	
	Belt type	WU-4D-G
		UG-012 Ver.7

Applications

- Food conveyance
- Light duty conveyor
- Dough conveyor

Construction



Top side	Bottom side
Polyester	Polyester
-	-
Fabric	Fabric
White	White
Tension member	Splice
Polyester	Finger
Fabric	Skiver
1ply	
Construction	

Dimensions

Width/Roll (max.)	2,000mm
Width/Endless (max.)	2,000mm
Length (max.)	100m
Total thickness	0.45mm
Weight	0.3 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
Accumulation
Wider widths are available
Slider bed
Roller bed

Properties

Minimum pulley diameter	
Flexing	
Finger	10mm
Skiver	20mm
Back flexing	
Finger	10mm
Skiver	20mm
Knife edge	
Finger	R2

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	40N/mm
Elongation at break	15%
Maximum allowable tension	4.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.1~0.3
	vs. Paper	0.2~0.4
Bottom	vs. Steel	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4