

Technical Datasheet	Conveyor Belt	
	Belt type	WU-16D-G
		UG-005 Ver.6

Applications

- Food conveyance
- Medium duty conveyor
- Accumulation conveyor

Construction



Top side	Bottom side
Polyester	Polyester
-	-
Fabric	Fabric
White	White
Tension member	Splice
Polyester	Finger
Fabric	Skiver
2ply	
Construction	

Dimensions

Width/Roll (max.)	2,000mm
Width/Endless (max.)	2,000mm
Length (max.)	100m
Total thickness	1.4mm
Weight	1.2 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	30mm
Skiver	60mm
Back flexing	
Finger	30mm
Skiver	60mm
Knife edge	-

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	3.0N/mm
Initial tension at 1.0%	12.0N/mm
Tension after relaxation at 1.0%	6.0N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	160N/mm
Elongation at break	15%
Maximum allowable tension	12.0N/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