

Technical Datasheet	Conveyor Belt	
	Belt type	WGF-4B-G
		UG-020 Ver.6

Applications

- Food conveyance
- Light duty conveyor
- Rice conveyor

Construction



Top side

Fluorine resin
0.4mm
Flat
White

Bottom side

Fluorine resin
0.4mm
Flat
White

Tension member

Polyester
Fabric
1ply

Splice

Finger

Construction



Dimensions

Width/Roll (max.)	1,500mm
Width/Endless (max.)	1,500mm
Length (max.)	100m
Total thickness	0.9mm
Weight	1.3 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
High release
Easy to clean
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	70mm
	-
Back flexing	
Finger	70mm
	-
Knife edge	
	-

Dynamic properties

Standard elongation	0.3%
Tension after relaxation at 0.3%	0.9N/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	60N/mm
Elongation at break	25%
Maximum allowable tension	6.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.2~0.4
	vs. Paper	0.3~0.5
Bottom	vs. Steel	0.2~0.4
	vs. Lagged pulley	0.4~0.7
	vs. POM (resin)	0.2~0.5