

Technical Datasheet	Conveyor Belt	
	Belt type	WEU-7DNS
		U-168 Ver.3

Applications

- Light duty conveyor

Construction



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

Dimensions

Width/Roll (max.)	1,450mm
Width/Endless (max.)	1,450mm
Length (max.)	100m
Total thickness	0.85mm
Weight	0.8 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
Available on small pulley diameter
Low friction on both sides
Non-fray fabric
Heat and moisture resistance
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	10mm
Skiver	30mm
Back flexing	
Finger	10mm
Skiver	30mm
Knife edge	
Finger	R2

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	0.8N/mm
Initial tension at 1.0%	3.2N/mm
Tension after relaxation at 1.0%	1.6N/mm
Operating temperature range	-20~100°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	70N/mm
Elongation at break	20%
Maximum allowable tension	3.2N/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