

Technical Datasheet	NLG™	Conveyor Belt
	Belt type	<b>LBEUC-12CNF</b> U-150 Ver.3

### Applications

- Food conveyance
- Light duty conveyor
- Dough conveyor
- Rice conveyor
- Food slicer

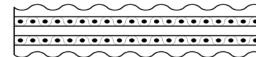
### Construction



Top side	Bottom side
TPU	TPU
0.3mm	0.3mm
C pattern	C pattern
Blue	Blue

Tension member	Splice
Polyester	Finger
Fabric	Skiver
2ply	

Construction



### Dimensions

Width/Roll (max.)	1,500mm
Width/Endless (max.)	1,500mm
Length (max.)	100m
Total thickness	2.0mm
Weight	1.9 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

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

### Features

Antistatic  
Sodium hypochlorite resistance  
Heat and moisture resistance  
Anti-microbial and Anti-mold  
Non-fray fabric  
Minimal shrinkage/hot water  
Minimal shrinkage/foreign material  
Slider bed  
Roller bed

### Properties

#### Minimum pulley diameter

Flexing	
Finger	20mm
Skiver	50mm
Back flexing	
Finger	25mm
Skiver	50mm
Knife edge	-

#### Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	1.0N/mm
Initial tension at 1.0%	4.0N/mm
Tension after relaxation at 1.0%	2.0N/mm
Operating temperature range	-30~100°C
Operating temperature range*	-20~80°C

\*When under continuous use

#### Tensile properties

Tensile strength	120N/mm
Elongation at break	20%
Maximum allowable tension	4.0N/mm
Maximum allowable elongation	1.0%

#### Coefficient of friction

Top	vs. Steel	0.4~0.5
	vs. Paper	0.5~0.6
Bottom	vs. Steel	0.4~0.5
	vs. Lagged pulley	0.6~0.8
	vs. POM (resin)	0.4~0.6