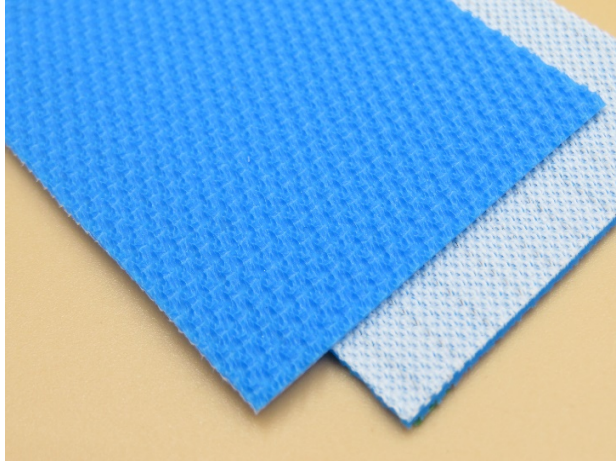


Technical Datasheet	NLG™	Conveyor Belt
	Belt type	LBEUTW-6ANF-2 U-145 Ver.4

Applications

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

Construction



Top side	Bottom side
TPU	Polyester
0.5mm	-
Mini rough top	Fabric
Blue	White

Tension member	Splice
Polyester	Finger
Fabric	
1ply	

Construction 

Dimensions

Width/Roll (max.)	1,500mm
Width/Endless (max.)	1,500mm
Length (max.)	100m
Total thickness	1.2mm
Weight	1.0 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
Sodium hypochlorite resistance
Heat and moisture resistance
Anti-microbial and Anti-mold
Non-fray fabric
Minimal shrinkage/hot water
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	10mm
	-
Back flexing	
Finger	15mm
	-
Knife edge	
Finger	R3

Dynamic properties

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

*When under continuous use

Tensile properties

Tensile strength	60N/mm
Elongation at break	20%
Maximum allowable tension	2.0N/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	0.2~0.3
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4