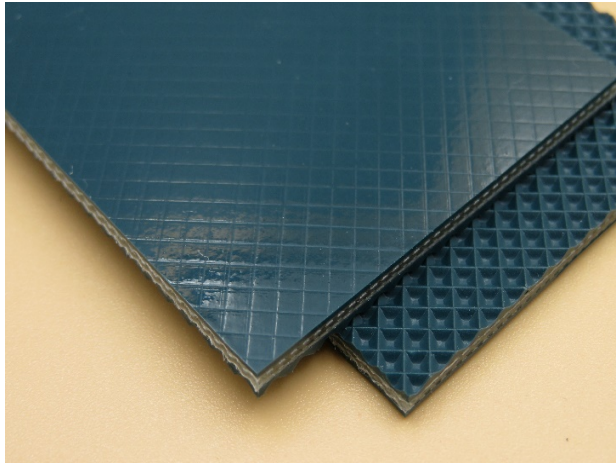


Technical Datasheet	NLG™	Conveyor Belt
	Belt type	<b>BC-12C</b> C-008 Ver.3

### Applications

- Material handling
- Medium duty conveyor

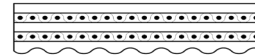
### Construction



Top side	Bottom side
PVC	PVC
0.4mm	0.5mm
Mirror surface	SQPR pattern
Green	Green

Tension member	Splice
Polyester	Finger
Fabric	Skiver
2ply	

Construction



### Dimensions

Width/Roll (max.)	3,000mm
Width/Endless (max.)	3,000mm
Length (max.)	100m
Total thickness	2.7mm
Weight	2.9 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

RoHS(2011/65/EC,  
(EU)2015/863)

### Features

- Antistatic
- Wider widths are available
- Slider bed
- Roller bed

### Properties

#### Minimum pulley diameter

Flexing	
Finger	30mm
Skiver	60mm
Back flexing	
Finger	35mm
Skiver	60mm
Knife edge	-

#### Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	2.0N/mm
Initial tension at 1.0%	8.0N/mm
Tension after relaxation at 1.0%	4.0N/mm
Operating temperature range	-5~70°C
Operating temperature range*	-5~70°C

\*When under continuous use

#### Tensile properties

Tensile strength	120N/mm
Elongation at break	20%
Maximum allowable tension	8.0N/mm
Maximum allowable elongation	1.0%

#### Coefficient of friction

Top	vs. Steel	0.7~0.8
	vs. Paper	0.8~0.9
Bottom	vs. Steel	0.3~0.4
	vs. Lagged pulley	0.5~0.7
	vs. POM (resin)	0.3~0.5