

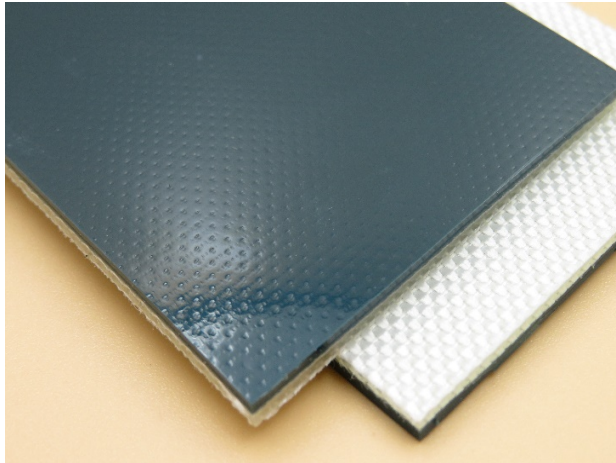
Technical Datasheet	NLG™	Conveyor Belt
	Belt type	BC-20A

C-011 Ver.4

Applications

- Material handling
- Steel plate conveyance
- Heavy duty conveyor

Construction



Top side	Bottom side
PVC	Polyester
0.9mm	-
Mirror surface	Fabric
Green	White

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	2.8mm
Weight	3.3 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

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

Features

- Antistatic
- Cut resistance
- High lateral rigidity
- Wider widths are available
- Slider bed
- Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	45mm
Skiver	80mm
Back flexing	
Finger	50mm
Skiver	80mm
Knife edge	-

Dynamic properties

Standard elongation	0.5%
Tension after relaxation at 0.5%	3.0N/mm
Initial tension at 1.0%	12.0N/mm
Tension after relaxation at 1.0%	6.0N/mm
Operating temperature range	-5~70°C
Operating temperature range*	-5~70°C

*When under continuous use

Tensile properties

Tensile strength	200N/mm
Elongation at break	15%
Maximum allowable tension	12.0N/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	0.2~0.3
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4