

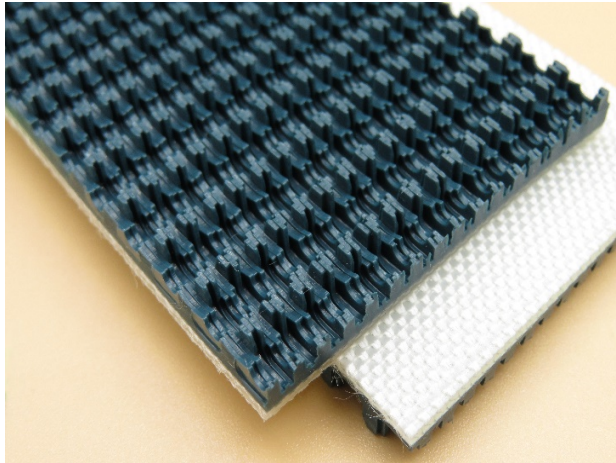
Technical Datasheet	NLG™	Conveyor Belt
	Belt type	<b>VRT-20A</b>

C-021 Ver.4

### Applications

- Material handling
- Incline / Decline conveyor
- Heavy duty conveyor

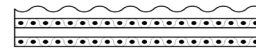
### Construction



Top side	Bottom side
PVC	Polyester
4.3mm	-
Rough top	Fabric
Green	White

Tension member	Splice
Polyester	Finger
Fabric	Step
2ply	

Construction



### Dimensions

Width/Roll (max.)	2,000mm
Width/Endless (max.)	2,000mm
Length (max.)	100m
Total thickness	6.0mm
Weight	4.5 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

### Regulatory compliance

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

### Features

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

### Properties

#### Minimum pulley diameter

Flexing	
Finger	50mm
Step	100mm
Back flexing	
Finger	60mm
Step	100mm
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	approx.1.0
	vs. Paper	approx.1.0
Bottom	vs. Steel	0.2~0.3
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4