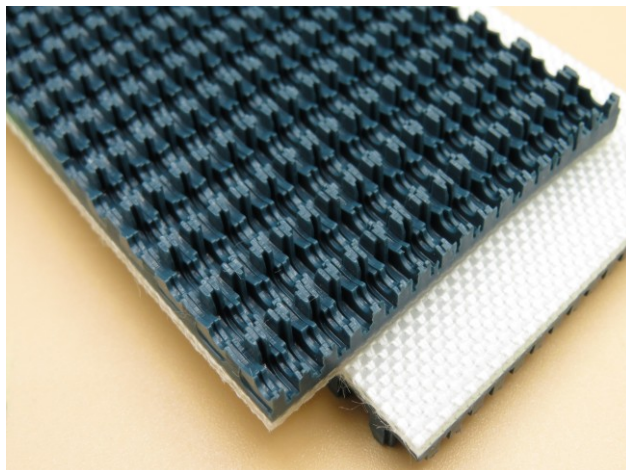


Technical Datasheet	Conveyor Belt	
	Belt type	VRT-20A
		C-021 Ver.7

Applications

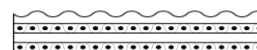
- Material handling
- Incline / Decline conveyor
- Heavy duty conveyor

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 ²

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	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4

NITTA CORPORATION

※The contents of this Technical Data Sheet may be changed without notice.

Issued by Industrial Products Div.

2025/7/21