

Technical Datasheet	Conveyor Belt	
	Belt type	CC-20AK
		C-017 Ver.5

Applications

- Material handling
- Steel plate conveyance
- Heavy duty conveyor

Construction



Top side	Bottom side
PVC	Polyester
1.2mm	-
Mirror surface	Fabric
White	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	3.2 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

FDA 21 CFR177.2600
RoHS(2011/65/EC,
(EU)2015/863)

Features

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