

Technical Datasheet	Conveyor Belt	
	Belt type	MGRB-14A
		C-083 Ver.6

Applications

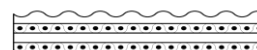
- Material handling
- Incline / Decline conveyor
- Medium duty conveyor
- Logistics / Distribution center

Construction



Top side	Bottom side
PVC	Polyester
0.7mm	-
RB pattern	Fabric
Green	White
Tension member	Splice
Polyester	Finger
Fabric	Skiver
2ply	

Construction



Dimensions

Width/Roll (max.)	2,000mm
Width/Endless (max.)	2,000mm
Length (max.)	100m
Total thickness	2.7mm
Weight	2.8 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
- Whisper
- 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%	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	140N/mm
Elongation at break	20%
Maximum allowable tension	8.0N/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

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

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