

Technical Datasheet	Conveyor Belt	
	Belt type	MGWT-12A
		C-074 Ver.6

Applications

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

Construction



Top side	Bottom side
PVC	Polyester
1.6mm	-
WT pattern	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	4.2mm
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
High grip
Incline conveyance
Cut resistance
Wider widths are available
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing	
Finger	45mm
Step	70mm
Back flexing	
Finger	50mm
Step	70mm
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	120N/mm
Elongation at break	20%
Maximum allowable tension	8.0N/mm
Maximum allowable elongation	1.0%

Coefficient of friction

Top	vs. Steel	0.8~0.9
	vs. Paper	0.9~1.0
Bottom	vs. Steel	0.1~0.3
	vs. Lagged pulley	0.3~0.6
	vs. POM (resin)	0.1~0.4