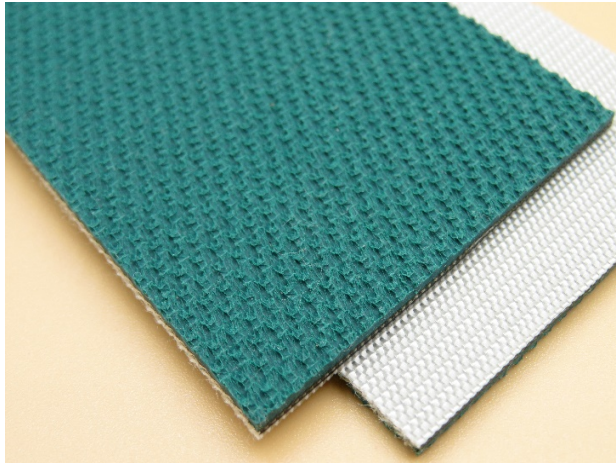


Technical Datasheet	NLG™	Conveyor Belt
	Belt type	<b>GSTW-20</b> <span style="float: right;">G-005 Ver.5</span>

### Applications

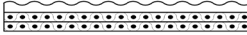
- Postal machine
- Incline / Decline conveyor
- Heavy duty conveyor

### Construction



Top side	Bottom side
EPDM	Polyester
0.8mm	-
Mini rough top	Fabric
Green	White

Tension member	Splice
Polyester	Skiver
Fabric	
2ply	

Construction 

### Dimensions

Width/Roll (max.)	960mm
Width/Endless (max.)	960mm
Length (max.)	50m
Total thickness	2.0mm
Weight	2.0 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
- Slider bed
- Roller bed

### Properties

#### Minimum pulley diameter

Flexing	
Skiver	50mm
	-
Back flexing	
Skiver	50mm
	-
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	-10~60°C
Operating temperature range*	-10~60°C

\*When under continuous use

#### Tensile properties

Tensile strength	170N/mm
Elongation at break	20%
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