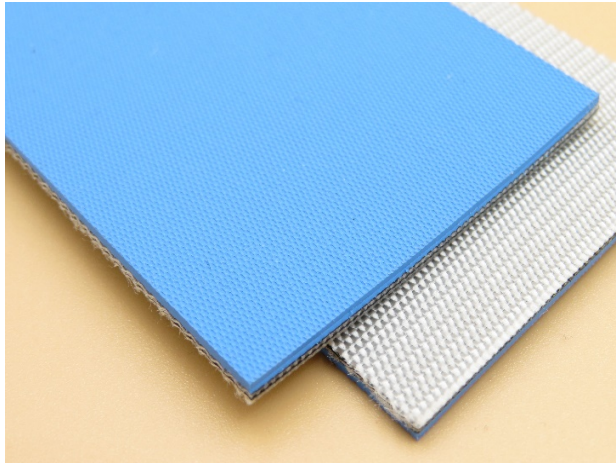


Technical Datasheet	NLG™	Conveyor Belt
	Belt type	GH-30Z G-003 Ver.4

Applications

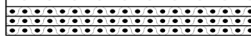
- Steel plate conveyance
- Material handling
- Heavy duty conveyor

Construction



Top side	Bottom side
NBR	Polyester
1.5mm	-
Textured surface	Fabric
Blue	White

Tension member	Splice
Polyester	Skiver
Fabric	
3ply	

Construction 

Dimensions

Width/Roll (max.)	960mm
Width/Endless (max.)	960mm
Length (max.)	65m
Total thickness	3.0mm
Weight	3.5 Kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC,
(EU)2015/863)

Features

Antistatic
Slider bed
Roller bed

Properties

Minimum pulley diameter

Flexing
Skiver 100mm

Back flexing
Skiver 100mm

Knife edge

Dynamic properties

Standard elongation 0.5%

Tension after relaxation at 0.5%
7.5N/mm

Initial tension at 1.0%
30.0N/mm

Tension after relaxation at 1.0%
15.0N/mm

Operating temperature range
-20~80°C

Operating temperature range*
-20~60°C

*When under continuous use

Tensile properties

Tensile strength 255N/mm

Elongation at break 20%

Maximum allowable tension 30.0N/mm

Maximum allowable elongation 1.0%

Coefficient of friction

Top vs. Steel 0.6~0.7

vs. Paper 0.7~0.8

Bottom vs. Steel 0.2~0.3

vs. Lagged pulley 0.4~0.6

vs. POM (resin) 0.2~0.4