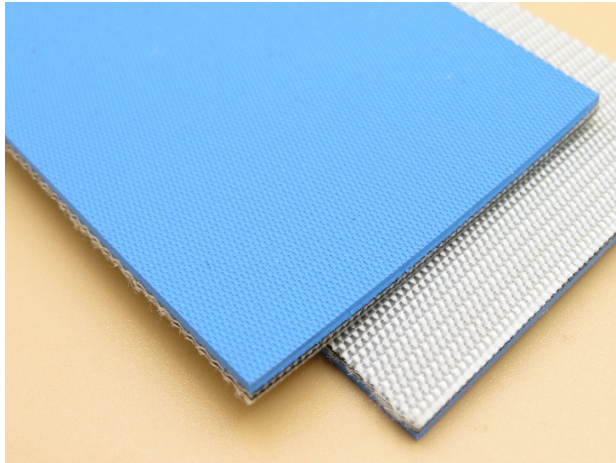


| | | |
|---------------------|-----------|---------------------------|
| Technical Datasheet | NLG™ | Conveyor Belt |
| | Belt type | GH-20Z G-002 Ver.4 |

Applications

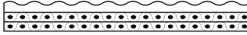
- Steel plate conveyance
- Hygiene / Diaper, napkin
- Material handling
- Heavy duty conveyor

Construction



| Top side | Bottom side |
|------------------|-------------|
| NBR | Polyester |
| 1.0mm | - |
| Textured surface | Fabric |
| Blue | White |

| Tension member | Splice |
|----------------|--------|
| Polyester | Skiver |
| Fabric | |
| 2ply | |

Construction 

Dimensions

| | |
|----------------------|-----------------------|
| Width/Roll (max.) | 960mm |
| Width/Endless (max.) | 960mm |
| Length (max.) | 100m |
| Total thickness | 2.1mm |
| Weight | 2.4 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 40mm

Back flexing
Skiver 40mm

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
-20~80°C

Operating temperature range*
-20~60°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 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