### Technical Data Sheet

**NLG™ SI-12A**

#### Applications
- Food Conveyor
- Inclined and declined conveyor
- Conveyor for lightweight material

#### Item | Description | Remarks
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| Construction | Yes | 1: Silicone rubber (Flat surface, White)  
2: PES Fabric (White)
| Antistatic | Yes |  |
| Width | 10 to 960 [mm] |  |
| Length | 700 to 100,000 [mm] |  |
| Thickness | 1.2 [mm] |  |
| Joint | Finger Joint |  |
| Tensile strength | 120 [N/mm] | Test speed: 50 mm/min
| Elongation at break | 15 [%] | Ambient condition: 23°C, 50% R.H.
| Standard elongation | 0.5 [%] |  |
| Tension at 0.5 [%] | 2 [N/mm] | Ambient condition: 23°C, 50% R.H.
| Minimum pulley dia. | φ30 [mm] |  |
| Operating temp. | -20 to 150 [°C] |  |
| Coefficient of friction | 0.9 to 1.0 [Steel] |  |
| | 0.2 to 0.25 [Steel] | Silicone rubber side  
Fabric side |
| Mass | 1.4 [kg/m2] | Measurement condition: 7kPa, 1mm/s
| | | Ambient condition: 23°C, 50% R.H.

#### Features
- Heat resistance.
- High friction.
- Releasable.

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The contents of this TDS may be changed without notice.