

Technical Datasheet	SEB™ Belt type	SE-XA-PGG-F	SC-046 ver.1
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Applications

- Low-torque/High-speed transmission
- Both sides usable for transmission application
- Paper straw manufacturing

Construction



Ground side	Glossy side
Nitrile rubber	Nitrile rubber
Green	Green
Tension member	Splice
Polyester	Seamless
Cord	

Construction	
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Dimensions

Width	5~400mm
Length	785~2270mm <small>*Depending on mold size</small>
Standard thickness	1.15mm
Range of thickness	-
Weight	1.3 kg/m ²

Please contact Nitta if you need other dimensions.

Regulatory compliance

RoHS(2011/65/EC,(EU)2015/863)
FDA 21 CFR177.2600*

*The surface rubber meets the extraction limits

Features

- Antistatic
- Flat surface
- Bending durability
- Both sides can be used for driving

Properties

Dynamic properties	
Standard elongation	1.0%
Tension after relaxation at 1.0%	3.7N/mm
Operation temperature range	-20~80°C

Minimum pulley diameter	
When of standard thickness	8mm

*Minimum pulley diameter for application other than paper straw is 15mm.

Tensile properties	
Tensile strength	29.4N/mm
Elongation at break	10%
Maximum allowable elongation	0.5~1.0%

Coefficient of friction		
Ground side	vs. Paper	0.4~0.8
Glossy side	vs. Steel	0.7~1.2