



### Specification

Material for fluid contact portion: Butyl rubber  
 Reinforcement: Metal braid  
 Outer surface: Butyl rubber (gray)  
 Working pressure: 3.0MPa (approx. 30kgf/cm<sup>2</sup>)/90°C, 0.8MPa (approx. 8kgf/cm<sup>2</sup>)/170°C  
 Operating temperature range: -40°C~170°C

### Feature

- Suitable for steam lines of pharmaceutical products, cosmetic products, and chemical products
- Satisfies FDA 21CFR177.1550.
- Up to 60m in length can be produced.

Joint specification :Equivalent material to SUS316L (standard)  
 Ends of a hose :Contact bonding joint method, recycled joint method.  
 Standard joint ferrule (10A to 1S) and other specifications can be produced.  
 (SMS, DIN, RJT, IDF nut, and cam lock of NRS joints, etc.)  
 90° elbows and varying diameter reducer joints are also available.

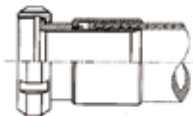
### Use

Can be used in all types of clean fields such as pharmaceutical products, cosmetic products, and chemical products.

### V.T.A. (Butyl rubber hose Operating temp: -40~170°C)

Standard N B	ND	Hose I.D. (mm)	Hose O.D. (mm)	Working pressure at 90°C (MPa)	Working pressure at 170°C (MPa)	Burst pressure (MPa)	Bending radius (mm)	Vacuum pressure (bar)	Weight (kg/m)
10A	13	13	27	3.0	0.8	8.0	60	0.8	0.66
15A	16	16	30	3.0	0.8	8.0	100	0.8	0.75
	19	19	33	3.0	0.8	8.0	130	0.8	0.85
1S	25	25	39.5	3.0	0.8	8.0	160	0.8	1.15

NRS contact bonding joint can be attached to V.T.A.



NRS is the abbreviation of non-retention system and means a structure without fluid accumulation.  
 Of course this product allows sealing which prevents hose from falling off and leaks.

### GECI Tech Quality Assurance

- Traceability is available for joints made of SUS316L because a mill sheet is attached.
- Date of manufacturing is engraved on all GECI Tech products.
- Joints are polished to simplify cleaning processes.
- The warranty period is one year.
- All contact-bonding joints of GECI Tech are based on the NRS (non-retention system) concept.
- Certificates are attached to all GECI Tech products.

GECI Tech attaches SUS316L certificate to a joint and FDA/BgVV conformity certificate to a flexible hose.



#### GECI (France)

GECI is a manufacturer specializing in the production and sales of flexible hoses and relative joints to be used for food, medical or pharmaceutical products, cosmetic products, and chemical products mainly in Europe and America.