



### Specification

Material for fluid contact portion: PTFE  
 Reinforcement: Stainless steel braid(including stainless steel wire for ND13~25)  
 Outer surface: Silicone rubber  
 Pressure for germ destruction by vapour: 1.4MPa(approx. 14kgf/cm<sup>2</sup>) or below  
 Operating temperature range: -75°C~230°C  
 Max. Operating temperature: 250°C

### Feature

- Suitable for transferring fluids and steam line, such as pharmaceutical products, food, beverage, cosmetic products, and chemical products.
- Satisfies FDA 21CFR177.1550.
- The range of operating temperature is wider.
- The silicone rubber on the exterior allows thorough washing by hand.
- Up to 6m in length can be produced.

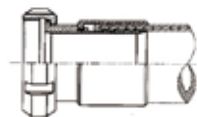
### Use

Suitable for transferring fluids and steam line, such as pharmaceutical products, food, beverage, cosmetic products, and chemical products.

**SILFLON** (PTFE hose Operating temp: -75~230°C Max. Operating temp: 250°C Max. working pressure for vapour:1.4MPa(approx. 14kgf/cm<sup>2</sup>))

Standard N B	ND	Hose I.D. (mm)	Hose O.D. (mm)	Working pressure (MPa)	Burst pressure (MPa)	Bending radius (mm)
	6	6.35	14.80	12.0	24.0	38
	8	7.92	16.30	10.0	20.0	102
8A	10	9.52	18.00	9.0	18.0	64
10A	13	12.70	25.50	6.8	14.0	89
15A	16	15.90	28.00	6.0	12.0	114
	19	19.20	31.00	5.0	10.0	146
1S	25	25.40	38.00	4.0	8.0	254

NRS contact bonding joint can be attached to SILFLON.



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.