



## Specification

Material for fluid contact portion: Silicone  
 Reinforcement: Reinforcing Braid fiber  
 Operating temperature range:  $-60^{\circ}\text{C}\sim 180^{\circ}\text{C}$

## Feature

- Suitable for pharmaceutical products, food, beverage, cosmetic products, and chemical products.
- Satisfies FDA 21CFR177.2600 and USP class VI.
- Up to 25 m in length for ND19 or smaller and up to 10 m for ND25 or larger can be produced.

Joint specification : Equivalent material to SUS316L (standard)  
 Ends of a hose : Contact bonding joint method, recycled VNRS joint method (8A to 1.5S)  
 Standard joint ferrule (8A to 1.5S) 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.

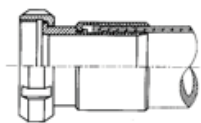
## Use

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

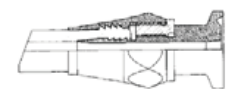
**TRESSIL** (Silicone hose Operating temp:  $-60\sim 180^{\circ}\text{C}$  Germ destruction by vapour: 0.2MPa within 60min)

Standard N B	ND	Hose I.D. (mm)	Hose O.D. (mm)	Working pressure (MPa)	Burst pressure (MPa)	Bending radius (mm)
	3	3.17	9.20	1.5	4.5	30
	5	4.76	11.30	1.5	4.5	35
	6	6.35	12.61	1.5	4.5	40
	8	7.93	14.60	1.2	3.6	45
8A	10	9.52	16.32	1.2	3.6	50
10A	13	12.70	20.10	1.0	3.0	65
15A	16	15.87	24.37	0.8	2.4	75
	19	19.05	27.90	0.8	2.4	80
1S	25	25.40	34.50	0.5	1.5	120
1.5S	32	31.75	40.80	0.4	1.2	150

NRS contact bonding joint and recycled VNRS joints can be attached to TRESSIL.



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.



Recycled VNRS joints are assemble-type joint especially designed for TRESSIL and can be attached and removed without special tools.

## 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.