



Specification

Material for fluid contact portion: Nitrile rubber
 Reinforcement: Reinforcing braid fiber + wire
 Outer surface: Chloroprene rubber
 Working pressure: 1.0MPa (approx. 10kgf/cm²)
 Operating temperature range: -30°C~90°C
 Max. Operating temperature: 130°C

Feature

- Suitable for pharmaceutical products, cosmetic products, and chemical products, etc.
- Satisfies FDA 21CFR177.2600.
- Excellent for oil resistance.
- Up to 40m 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 4S) 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.

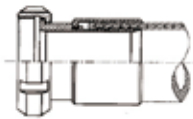
Use

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

NITRIFOOD (Nitrile rubber hose Operating temp: -30~90°C Max. Operating temperature: 130°C)

Standard N B	ND	Hose I.D. (mm)	Hose O.D. (mm)	Working pressure (MPa)	Burst pressure (MPa)	Bending radius (mm)
	19	19	30	1.0	3.0	120
1S	25	25	36	1.0	3.0	150
	32	32	43	1.0	3.0	190
1.5S	38	38	50	1.0	3.0	220
2S	51	51	64	1.0	3.0	300
2.5S	63	63	78	1.0	3.0	390
3S	76	76	89	1.0	3.0	450
4S	102	102	116	1.0	3.0	600

NRS contact bonding joint and recycle joint can be attached to NITRIFOOD.



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.



The recycled joint is an assembly-type joint in which a hose is pinched by a two-piece cover and can be easily attached and removed without using special tools.

GECEI Tech Quality Assurance

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

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



GECEI (France)

GECEI 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.