

## Product Datasheet

Product Name: Innovaseal disconnection ring\*

Cat. No.: SUAPN000235

I.D.(IN)-O.D.(IN)-Length (FT): ID:1/4IN

Physical properties	Specification	Typical Value
Color		Silver
ID (IDtb+IDlr)/2	6.45±0.05mm	6.45
Wall Thickness (Wt+Wb+Wl+Wl)/4	0.22±0.05mm	0.22
Length	18.1±0.50mm	18.10
Visual inspection and light inspection: poor appearance	no defects such as oil stains, black spots, deformation, particulate matter, and external foreign objects, no perforation and obvious burrs	Qualified

Raw material characterization	Specification	Typical Value
Nickel plated brass		

The test results given above were carried out on samples taken during the manufacturing process. The data above are based on careful analysis to approved test methods by qualified and competent process control laboratory staff as part of our quality assurance system.

Suzhou Innovapure Co., Ltd., in compliance with the European Union restriction of the use of certain Hazardous Substances (RoHS) directives 2011/65/EU, 2002/96/EC, 2003/11/EC, hereby certifies that the following materials or substances are not, and will not be used in the manufacture of, or intentionally added to our products: Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr VI), and two Bromine containing Flame Retardants –PBB (Polybrominated Biphenyls) and PBDE (Polybrominated Diphenyl Ethers) that are in concentrations greater than 0.1% by mass (1,000 ppm). Cadmium (Cr VI) concentration limit to be not greater than 0.01% (100 ppm). In addition, we would not expect the total of these materials to exceed 100 ppm (0.01% by mass).

Suzhou Innovapure Co., Ltd. has met the requirements set forth by REACH legislation as it relates to pre-registration of certain substances by December 1, 2008. Substance of Very High Concern (SVHC) as established by the European Union/ECHA Candidate list posted December 19, 2012 are not intentionally added or formulated in our products or their ingredients. We will continue to monitor regulatory activity in this area to be certain that we stay abreast of all requirements and comply as needed.

\* Not for human body implantation use.



## Suzhou Innovapure Co., Ltd.

Building D, Innovation Park, Lekun Rd. Leyu Zhen, Zhangjiagang, Suzhou,  
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## Product Datasheet

Product Name: Innovaseal disconnection ring\*  
 Cat. No.: SUAPN000234  
 I.D.(IN)-O.D.(IN)-Length (FT): ID:1/2IN

Physical properties	Specification	Typical Value
Color		Silver
ID (IDtb+IDlr)/2	12.75±0.05mm	12.75
Wall Thickness (Wt+Wb+Wl+Wr)/4	0.50±0.05mm	0.50
Length	35.00±0.50mm	35.00
Visual inspection and light inspection: poor appearance	no defects such as oil stains, black spots, deformation, particulate matter, and external foreign objects, no perforation and obvious burrs	Qualified
Raw material characterization	Specification	Typical Value
Nickel plated brass		

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## Product Datasheet

Product Name: Innovaseal disconnection ring\*  
 Cat. No.: SUAPN000232  
 I.D.(IN)-O.D.(IN)-Length (FT): ID:5/8IN

Physical properties	Specification	Typical Value
Color		Silver
ID (IDtb+IDlr)/2	15.95±0.05mm	15.95
Wall Thickness (Wt+Wb+Wl+Wt)/4	0.60±0.05mm	0.60
Visual inspection and light inspection: poor appearance	no defects such as oil stains, black spots, deformation, particulate matter, and external foreign objects, no perforation and obvious burrs	Qualified
Length	45±0.50mm	45.00

Raw material characterization	Specification	Typical Value
Nickel plated brass		

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## Product Datasheet

Product Name: Innovaseal disconnection ring\*  
 Cat. No.: SUAPN000233  
 I.D.(IN)-O.D.(IN)-Length (FT): ID:3/4IN

Physical properties	Specification	Typical Value
Color		Silver
ID (IDtb+IDlr)/2	19.15±0.05mm	19.15
Wall Thickness (Wt+Wb+Wl+Wl)/4	0.60±0.05mm	0.60
Length	52.00±0.50mm	52.00
Visual inspection and light inspection: poor appearance	no defects such as oil stains, black spots, deformation, particulate matter, and external foreign objects, no perforation and obvious burrs	Qualified

Raw material characterization	Specification	Typical Value
Nickel plated brass		

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## Declaration of Conformity

We, Suzhou Innovapure Co., Ltd., hereby declares that our products indicated below were in full conformity with below EU regulations.

### **Innovaseal disconnection ring**

#### **RoHS Self-Declaration of Conformity**

We, Suzhou Innovapure Co., Ltd., hereby declares that our products are compliant to the EU RoHS Directive 2011/65/EU, the directive of the European Parliament in force June 4, 2015 as related to the restriction of the use of certain hazardous substances in electrical and electronic equipment, and the RoHS-3 directive that went into effect on November 30, 2023.

The following substances are involved at the levels identified:

- Do not contain Lead (Pb), Mercury (Hg), or Hexavalent chrome (Cr-VI), above 1000 ppm (0.1%) in each homogenous material.
- Do not contain Cadmium (Cd) above 100 ppm in each homogenous material.
- Do not contain the restricted types of Polybrominated Biphenyls (PBB) and Polybrominated Diphenylethers (PBDE) above 1000 ppm (0.1%) in each homogenous material.
- Do not contain the four additional phthalates added to the RoHS directive: Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), or Diisobutyl phthalate (DIBP) above 1000 ppm (0.1%) in each homogenous material. In situations where an exemption applies, the preceding limits, corresponding to the exempted substance(s), may be higher.

#### **REACH Self-Declaration of Conformity**

We, Suzhou Innovapure Co., Ltd., are a manufacturer of Innovaseal disconnection ring. We are therefore considered a "downstream user" as far as the REACH document is concerned. Suzhou Innovapure Co., Ltd. is therefore not obligated to register with the European Agency for Chemicals (ECHA). Products sold by Suzhou Innovapure Co., Ltd. do not contain substances meeting the criteria in article 57 and identified in accordance with REACH Regulation (EC) Article 59 (1, 10) of Regulation (EC) No. 1907/2006.

Moreover, and under normal and reasonably foreseeable circumstances of application, the articles supplied shall not release any SVHC (Substances of Very High Concern) or

Restricted Substances. For that, Suzhou Innovapure Co., Ltd. is neither obligatory for registration, nor for the creation of material safety data sheets. Innovaseal products (articles) do not contain Substances of Very High Concern (SVHC) or Restricted Substances above the threshold values declared by ECHA on documented/maintained lists on their website:

<https://echa.europa.eu/candidate-list-table>

In order to assure our customers the continual supply of reliable and safe products, we ensure that our suppliers fulfill all requirements regarding chemical substances and prepared materials.

This declaration document covers all products manufactured at the following locations:

Building D, Innovation park, Lekun road, Leyu Zhen, Zhangjiagang, China

Declared by 

Suzhou Innovapure Co., Ltd.  
12<sup>th</sup> Dec. 2023