



# SPRAL WOUND GASKET SWCI

## Composition

the Spiral Wound Product's Range includes all types of gaskets for any flange size. The gaskets are made in the dimensions and materials highlighted by the International Standard.

The Spiral Wound is the gasket that must answer to specific compressibility and recovery requirements in order to guarantee the sealing. Therefore, Carrara produces the Spiral Wound Gaskets on modern machineries equipped with tensile strength control to offer always the products that meet the requirements.

Thank's to the flexibility of own Dept. and the large stock, Carrara is able to ensure fast deliveries also for modest quantity. Carrara offers consulting and technical support for the right style choice.

## Characteristics

SWCI - spiral wound with outer and inner rings

## Applications

Spiral wound gaskets are widely used in various industrial sectors due to their excellent sealing performance, ability to withstand extreme temperatures and pressures, and resilience against aggressive chemicals. They are a popular choice for flanged joints in pipelines, pressure vessels, and heat exchangers. Below are some key applications across different industries:

1. Oil and Gas Industry
2. Petrochemical and Chemical Industries
3. Power Generation (Thermal, Nuclear, and Renewable Energy)
4. Pharmaceutical and Food Processing
5. Shipbuilding and Marine Industry
6. Aerospace
7. HVAC Systems
8. Pulp and Paper Industry

## Tech Data

Bill of materials - SWCI		
Center ring	AISI 316L	1.4401
Inner ring	AISI 316L	1.4401
Metallic tape	AISI 316L	1.4401
Filler tape	Flexible graphite	--



## Spiral Wound Gasket SWCI

Elasticity and the security:  
Planisteel SWCI!

The spiral wounds product range Planisteel SWCI includes all sizes of gaskets for seal on the flanged coupling of any kind.

The gaskets are realized in the dimensions and steels previewed from the regulations or in those request from the industrial applications, from the most common to the special ones. The spiral wound is a gasket that must answer to the requirement of compressibility and elasticity in order to guarantee the seal. Therefore, Carrara S.P.A. produces spiral wounds on modern machinery with controlled winding tension, in order to always offer an answering product to the technical detailed lists of the regulations. Thanks to the versatile of its own plants, we are able to assure fast deliveries and also for series of limited quantities. Above that we offer consulting and technical support that only a constant effort of a strongly motivated teamwork can express.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice.



**Carrara S.p.A.**  
Via Provinciale 1/E - 25030 Adro - BS - Italia  
tel. +39 030 7451121 / fax +39 030 7451130  
[www.carrara.it](http://www.carrara.it) - [info@carrara.it](mailto:info@carrara.it)