

The low carbon footprint spiralwound gaskets, with stainless steel outer ring.

The RAIFLEX® 340 RSi style is a spiral wound gasket composed of a stainless steel winding (at the customer's choice) and a 98% industrial-grade expanded graphite sealing material, suitable for most industrial application. Additionally, it incorporates a ferritic stainless steel outer centering ring, which eliminates the use of ovens, paint, and solvents, thereby helping to reduce the carbon footprint.

The outer ring facilitates gasket centering and provides additional radial strength, helping to prevent misalignments, while serving as a reference point to determine proper compression during stud installation. Likewise, the RSi style features an inner reinforcing ring made of the same material as the winding, designed to prevent gasket buckling.

RAIFLEX® 340 gaskets reduce the carbon footprint by not utilizing any type of paint, solvent, or ovens in their manufacturing process, using a ferritic stainless alloy for the outer rings.

The gasket features a nominal thickness of 0.175", achieving an optimal compression of 0.130".

Ideal for: Raised face flanges, flat face flanges, or circular flange joints

Technical data:

Properties:	Value
Temperature, Maximum:	+650°C (steam), +450°C
Temperature, Minimum:	-195°C
Pressure, Maximum:	434 bar
Flange types:	Raised face (RF) Full face (FF)
Flange Surface finish, (Ra):	3.2-6.3µ (125-250 µ")

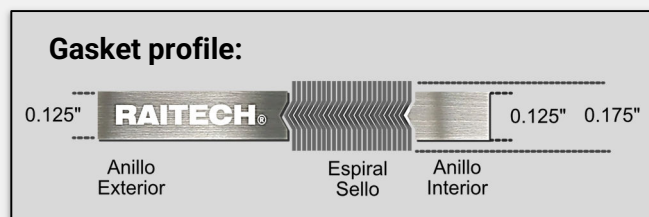
How to order:

Sealing material: Graphite
Gasket type: raiflex® 340 RSi
Inner ring material: 304 / 316L*
Winding material: 304 / 316L*
Outer ring material: Ferritic stainless.
Diameter: 2"
Class: 150#, 300#, 400#, 600#, 900#, 1500#, 2500#

**other alloys under request.



type CGI



Other available alloys:

Alloy	Temperature range		Short name
304ss	-195°C	+760°C	304
316L	-195°C	+760°C	316L
317L	-195°C	+760°C	317L
321	-195°C	+760°C	321
347	-195°C	+925°C	347
Carbon Steel	-40°C	+540°C	CS
Alloy 20	-185°C	+760°C	A20
Hastelloy® B2	-185°C	+1,090°C	HASTB
Hastelloy® C276	-185°C	+1,090°C	HASTC
Incoloy® 800	-100°C	+870°C	IN800
Incoloy® 825	-100°C	+870°C	IN825
Inconel® 600	-100°C	+1,090°C	INC600
Inconel® 625	-100°C	+1,090°C	INC625
Inconel® X750	-100°C	+1,090°C	INX
Monel® 400	-130°C	+820°C	MON
Nickel 200	-195°C	+760°C	NI
Titanio	-195°C	+1,090°C	TI



Never re-use gaskets for your own safety.

Important Notice:

Spiral wound gaskets are delicate materials, especially in larger diameters.
Never carry the gaskets by the inner rings or the spiral.

Recomendations:

- 1-. Never reuse any type of sealing gaskets; this is for your safety.
- 2-. You must only use standard-compliant gaskets and never use non-standard gaskets.
- 3-. Large dimension spiral wound gaskets are prone to unraveling due to the flexibility of the metal at such diameters.
- 4-. Spiral wound gaskets must have perfectly flat rings for proper operation.
- 5-. Ensure that the spiral wound gaskets to be used comply with the thicknesses of the applicable standard or specification.
- 6-. For proper operation, the flange surfaces must be in perfect condition, complying with a concentric surface finish between 3.2-6.3 μ . Likewise, the flanges must be perfectly aligned and parallel.

Storage:

- 1-. Store the gaskets in a dry place at room temperature.
- 2-. If the gaskets are exposed to greases, oils, or solvents, clean them before use.
- 3-. Protect the sealing faces to prevent damage.
- 4-. Store the gaskets horizontally to avoid tension in spiral wound gaskets.

RAITECH.
LOW CARBON
FOOTPRINT
GASKET.

Las juntas que no
utilizan hornos, pinturas
ni solventes en el
proceso de fabricación.



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