

The spiralwound gasket with a low carbon footprint, with an outer ring in stainless steel.

The **RAIFLEX® 340 RS** style is a spiral metal gasket composed of a stainless steel spiral of the customer's choice and 98% industrial grade expanded graphite sealing material, for most industrial applications.

In addition, it incorporates an external centering ring made of ferritic stainless steel, which avoids the use of ovens, paint and solvents, thus helping to reduce the carbon footprint.

The outer ring facilitates the centering of the gasket, provides additional radial force, helping to prevent misalignments, and serves as a reference point for determining proper compression during stud installation.

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

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

Ideal for: Raised face, flat face 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 RS
Inner ring material: -----
Winding material: 304 / 316L*
Outer ring material: Ferritic stainless.
Diameter: 2"
Class: 150#, 300#, 400#, 600#, 900#, 1500#, 2500#

**other alloys under request.



type CG

Gasket profile:



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 Notes:

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

Recommendations:

- 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.

Gaskets that do not use
furnaces, paints, or solvents
in the manufacturing
process.



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