

Style CGI Class 150 Spiral Wound Gasket

304 Stainless Steel Winding / 304 Stainless Steel Inner Ring / Flexible Graphite Filler / Carbon Steel Outer Ring

For flat-face and raised-face flange applications. Select the gasket to match the exact nominal flange size, pressure class, service media, temperature, and project specification.

Product Configuration

Style	CGI
Pressure Class	ASME Class 150
Winding Material	304 Stainless Steel
Inner Ring	304 Stainless Steel
Filler	Flexible Graphite (FG)
Outer / Centering Ring	Carbon Steel (CS)
Flange Application	Flat Face and Raised Face

Style CGI Technical Benefits

- Metallic winding is suited for cyclic loading.
- Outer ring centers the gasket between flange faces.
- Inner ring provides an additional compression stop.
- Inner and outer rings provide additional blowout strength.
- Inner ring helps prevent inward buckling.
- Inner ring helps reduce turbulent flow at the gasket bore.
- Recommended for high-pressure / high-temperature applications when properly specified.

Flexible Graphite Filler Temperature Guide

Filler Guide	Maximum Temperature	Minimum Temperature
Flexible Graphite / Flexicarb	842°F / 450°C	-400°F / -240°C

Important: Temperature capability is material guidance from the supplied CGI profile sheet, not a standalone application rating. Actual gasket suitability is limited by the complete gasket construction, flange system, pressure, media, bolting, and manufacturer/application requirements.

Design Parameters - Standard CGI Gasket Thickness

Gasket Thickness	Maximum Dimension	Recommended Flange Width	Recommended Compressed Thickness
0.125"	Up to 20"	1"	0.090" / 0.100"
0.125"	20" to 40"	3/4"	0.090" / 0.100"
0.175"	Up to 40"	1"	0.125" / 0.135"
0.175"	40" to 60"	1"	0.125" / 0.135"

Required Surface Finish

125 - 250 microinch Ra

Tolerance Capabilities

Gasket Diameter	Inside Diameter Tolerance	Outside Diameter Tolerance
Up to 10"	± 1/64"	± 1/32"
10" to 24"	± 1/32"	± 1/16"
24" to 60"	± 1/64"	± 1/16"

Ordering & Installation Notes

- Match nominal gasket size to the flange size and Class 150 pressure rating.
- Verify 304 SS / 304 SS / flexible graphite / carbon steel construction is compatible with the service media and temperature.
- Inspect and clean flange faces before installation.
- Center the gasket carefully and use an approved cross-pattern, multiple-pass bolting procedure.
- Spiral wound gaskets are intended for one-time installation and should not be reused after compression.

GetPipe.com Technical Note: This sheet is a cleaned product summary based on the supplied Style CGI product profile. It is intended to assist product selection and does not replace current manufacturer engineering data, applicable ASME requirements, or project specifications.