



SEMI-METALLIC	Spiral Wound Gaskets CGI	PRODUCT PROFILE
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Application: Suitable for flat face and raised face flanges up to Class 2500.

Materials and Maximum T Limits:

Material	Minimum	Maximum	Abbreviation	Guide Ring Colour Code per ASME B16.20
Flexible Graphite	- 212°C	510°C	F.G.	Gray
PTFE	- 240°C	260°C	PTFE	White

Technical Benefits:

- Uses V-Shaped high quality stainless steel band. Provides reliable performance.
- Uses high quality flexible graphite, which has excellent sealability.



Style CGI, Similar to a CG gasket but fitted with inter ring giving additional compression limitation and providing a heat and corrosion barrier, protecting windings and preventing flange erosion.

Design Parameters:

Nominal Thickness	Compressed Thickness
3.2 mm	2.4/2.6 mm
4.5 mm	3.2/3.45 mm
7.3 mm	5.0/5.25 mm

Tolerance Capabilities:

Standard	Gasket Diameter	The gasket Outside diameter	The gasket Inside diameter	The centering ring outside diameter	Thickness
ASME B16.20-2012 For ASME B16.5 Flanges	NPS 1/2"through NPS 8"	±0.8mm	±0.4mm	±0.8 mm	±0.13mm
	NPS 10 "through NPS 24"	+1.5mm, -0.8mm	±0.8mm	±0.8 mm	
	Inner-Ring Inside Diameter: For sizes NPS 1/2 "through NPS 3", the inside diameter tolerance is ±0.8 mm; for larger sizes the inside diameter tolerance is ±1.5 mm.				

※ Other Standard Tolerance please contact: egc@environmentalgasket.com.

Standards: Environmental Gasket Company manufactures spiral wound gaskets in accordance with all relevant international gasket standards and non standard gaskets up to 4 meters in diameter to suit but not limited to the following flange designations:

ASME B16.20 ASME B16.47 SERIES B (API 605) ASME B16.47 SERIES A (MSS-SP 44)
 BS 1560 BS 10 BSEN 1092 (BS 4504) DIN FLANGES JIS FLANGES FRENCH NF STANDARD

Design Factors:

m	3(Liquid)	4.5(Gas)
y	700 kg/c m ²	

Sealability	≤0.06 ml/min
Thickness	3.2/4.5/6.5mm

Remark: Our company inspected this product under experimental conditions. Yet when used in practice, this product cannot function independently, and has to work in coordination with the device. The performance of the product depends on other related factors (including factors not existent under the conditions of laboratory experiments). Users shall judge independently whether to use this product, and shall ensure correct storage, installation and application of this product. As such, our company assumes no responsibility with regard to any situation arising from inappropriate storage, installation and application. All products of our company were strictly examined under the relevant national or business standards.