

# Spiral Wound Specifications

## Temperature Limits for Common Metals

Material	Minimum		Maximum		Abbreviation
	°F	°C	°F	°C	
304 Stainless Steel	-320	-195	1400	760	304
316L Stainless Steel	-150	-100	1400	760	316L
317L Stainless Steel					317L
321 Stainless Steel	-320	-195	1400	760	321
347 Stainless Steel	-320	-195	1700	925	347
Carbon Steel	-40	-40	1000	540	CRS
20Cb-3 (Alloy 20)	-300	-185	1400	760	A-20
HASTELLOY® B 2	-300	-185	2000	1090	HAST B
HASTELLOY® C 276	-300	-185	2000	1090	HAST C
INCOLOY® 800	-150	-100	1600	870	IN 800
INCONEL® 600	-150	-100	2000	1090	INC 600
INCONEL® X750	-150	-100	2000	1090	INX
MONEL® 400	-200	-130	1500	820	MON
Nickel 200	-320	-195	1400	760	NI
Titanium	-320	-195	2000	1090	TI

Guide Ring Color Code*
Yellow
Green
Maroon
Turquoise
Blue
Silver
Black
Brown
Beige
White
Gold
No Color
Orange
Red
Purple

## Temperature Limits for Filler Material

Material	Minimum		Maximum		Abbreviation
	°F	°C	°F	°C	
Ceramic	-350	-212	2000	1090	CER
Flexible Graphite	-350	-212	950	510	F.G.
PTFE	-400	-240	500	260	PTFE
Verdicarb (Mica Graphite)	-350	-212	550	288	VC

Stripe Color Code*
Light Green
Gray
White
Pink

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\* ASME B 16.20 standard

## Available Thicknesses

Winding	Ring(s) Inner & Outer
0.125"	3/32"
0.175"	1/8"
0.250"	3/16"
0.285"	3/16"

## Tolerances

For spiral wound gaskets not otherwise specified.

Gasket		Width Limits		Compressed Thickness
Thickness	Tolerance	Minimum	Maximum	
0.125"***	±0.005"	3/16"	1"†	0.090 - 0.100"
0.175"***	±0.005"	1/4"	1-1/2"†	0.125 - 0.135"
0.250"***	±0.005"	5/16"	1-1/2"†	0.180 - 0.200"
0.285"***	±0.005"	5/16"	1-1/2"†	0.200 - 0.220"

\*\* Measured across the metallic portion of the gasket not including the filler, which may protrude slightly.

† Spiral wound gaskets can be made to large maximum widths if required. Call Garlock for details.