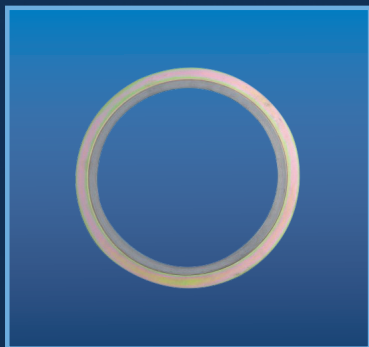




Spiral Wound Gasket Styles (SWG or SPWD)

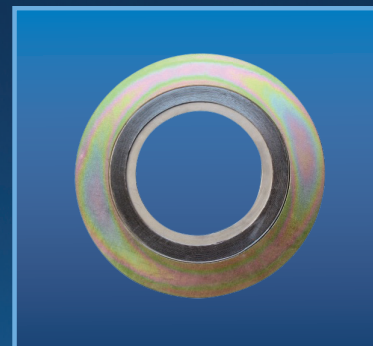


IG Style 234 or "CG"

An integral centering ring (or guide ring) assures fast, accurate centering of the gasket on the flange. It also acts as a compression limiter to prevent over compression of the winding (or sealing face) of the gasket.

IG Style 1234 or "CGIR"

This style has an outer ring, windings (sealing element) and inner ring. Recommended for higher pressure applications and where specifying PTFE filler material. Inner Ring also acts as a compression limiter, prevents inward buckling at the windings and provides protection of the windings from process media.

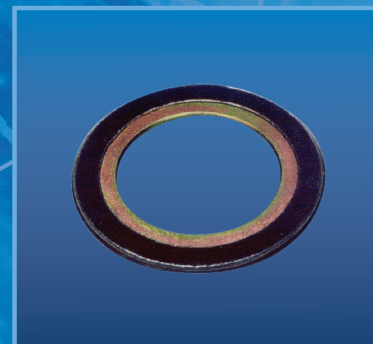


IG Style 24 or "R"

Windings (or sealing element) only. This style is a V Shaped metal strip wound with a filler. The filler is commonly Graphite. Typically used in tongue and groove, male-female, valve bonnet and OEM applications.

IG Style 123 or "RIR"

This style is a V Shaped metal strip wound with a filler Windings (or sealing element) with an Inner Ring. Typically used to protect windings (sealing face) against media and pressure.



Technical Information

Temperature Limits for Common Materials

Material	Lower Limit		Upper Limit		Abbreviation	Guide Ring Colour Code
	°F°	°C	°F	°C		
304 Stainless Steel	-320	-195	1400	760	304	Yellow
316L Stainless Steel	-150	-100	1400	760	316L	Green
321 Stainless Steel	-320	-195	1400	760	321	Turquoise
347 Stainless Steel	-320	-195	1700	925	347	Blue
Carbon Steel	-40	-40	1000	540	CRS	Silver
Alloy 20 (20Cb-3)	-300	-185	1400	760	A-20	Black
Hastelloy C276	-300	-185	2000	1090	HAST C	Beige
Hastelloy B2	-300	-185	2000	1090	HAST B	Brown
Incoloy 800	-150	-100	1600	870	IN800	White
Inconel 600	-150	-100	2000	1090	INC600	Gold
Inconel 750	-150	-100	2000	1090	INX	No Colour
Monel 400	-200	-150	1500	820	MON	Orange
Nickel 200	-320	-195	1400	760	NI	Red
Titanium	-320	-195	2000	1090	TI	Purple

Temperature Limits for Filler Materials

Material	Lower Limit		Upper Limit		Abbreviation	Guide Ring Colour Code
	°F°	°C	°F	°C		
Ceramic	-350	-212	2000	1090	CER	Light Green
Flexible Graphite	-350	-212	950	510	FG	Grey
PTFE	-400	-240	500	230	PTFE	White
Mica Graphite	-350	-212	600	345	VC	Pink

PLEASE NOTE: Figures provided are for guidance only, please refer to individual tool charts. All data is given in good faith and without acceptance of responsibility on the part of HTL.

INDUSTRY LEADERS IN CONTROLLED BOLTING, FLANGE WORKING AND PORTABLE MACHINE SOLUTIONS



HTL Australasia Pty Ltd
466 Victoria Road
Malaga, WA 6090
Western Australia

Telephone: +61 (0) 8 9249 3980

Email: info@htl-australasia.com

Visit: www.htl-australasia.com

