



H.S. White Corporation

Your Marine & Industrial Specialists

1350 South Dixie Highway East | Pompano Beach, FL 33060
 800-327-8575 | sales@hswhite.com | www.HSWhite.com
 Pompano Beach: 954-785-6760 | Houston: 713-589-8591

Spiral Wound Type CG Gaskets

Description:

This gasket consists of a metal guide ring (or sometimes referred to as a centering ring) and a spiral wound sealing element. The outer ring is often made of carbon steel (painted or zinc plated to prevent corrosion) but can be made of alloys for higher temperature and more severe process applications.

Product Data:

- Winding Material Available: 304SS, 316SS, Alloy 20, Monel™, Hastelloy™, Inconel™ and other exotic metals.
- Filler Materials include: Leaderfite, GTB GRAFOIL flexible graphite, PTFE and Ceramic

Applications:

This profile is normally used in raised and flat faced flanges.

Material (Trade Name)	DIN specification	DIN number	AISI	Hardness HB/HV	Temp Cel.		Volumetric mass (g/mc3)
					min.	max.	
Soft Iron (Armco)	—	1.1003	—	90-100	-60	500	7.85
Steel (LCS)	RSt. 37.2	1.0038	—	100-130	-40	500	7.85
Stainless Steel 304	X5 CrNi 1810	1.4301	304	130-180	-250	550	7.90
Stainless Steel 304 L	X3 CrNi 189	1.4306	304L	130-190	-250	550	7.90
Stainless Steel 309	X15 CrNiSi 2012	1.4828	309	130-190	-100	1000	7.90
Stainless Steel 316	X5 CrNiMo 17122	1.4401	316	130-190	-100	550	7.90
Stainless Steel 316 L	X2 CrNiMo17132	1.4404	316L	130-190	-100	550	7.90
Stainless Steel 316 Ti	X10 CrNiMoTi 17122	1.4571	316Ti	130-190	-100	550	7.90
Stainless Steel 321	X6 CrNiTi 1810	1.4541	321	130-190	-250	550	7.90
Stainless Steel 347	X6CrNiNb 1810	1.4550	347	130-190	-250	550	7.90
Monel 400	NiCu 30 Fe	2.4360	NO4400	110-150	-125	600	8.80
Inconel 600	NiCr 15 Fe	2.4816	NO6600	120-180	-100	600	8.40
Incoloy 800	X10 NiCrAlTi 3220	1.4876	NO8800	140-220	-100	850	8.00
Incoloy 925	NiCr 20 Mo	2.4858	NO8825	120-180	-100	450	8.14
Hastelloy B2	NiMo 28	2.4617	N10665	170-230	-200	450	9.20
Hastelloy C276	NiMo 16Cr15W	2.4819	N10276	170-230	-200	450	8.90
Titanium	Ti99,8	3.7025	—	110-140	-250	350	4.50

Material	Temperature Range °C		Operating Pressure	Color of Stripes
	Min.	Max.		
Graphite	-200	550	20	Grey
PTFE	-200	250	10	White
Leaderfite	-100	180	10	pink
	—	1000	0,5-5 bar	—