

Leader SRI HDLE SpiralWound Gasket

High Integrity SPW Gaskets

DESCRIPTION

Style SRI Spiralwound gasket constructed with high density >98% purity inhibited grade graphite that extends slightly above the metal windings and wound with metal filler to a specific pressure setting on the windings to ensure uniform compression under load.

APPLICATION

(Petro-) Chemical Industry, Steam, On- and Offshore exploration, pipeline systems, pressure vessels and exchangers.

CHEMICAL COMPATIBILITY

Spiral Wound Gaskets can be used in a wide variety of media, i.e. a pH range varying from 0-14. Application/compatibility guide is available on request. Temperature from -450 °F up to 850 °F (steam up to 1200 °F)

DELIVERY OPTIONS

Standard gaskets are manufactured according EN1514-2 for EN/DIN-flanges class PN10 - PN400 and ASME B16.20 / EN 12560-2, for flanges acc. ASME B16.5 class 150-2500lbs. Also non-standard equipment gaskets

can be manufactured up to a diameter of 4000 mm. We have a large stock in Carbon Steel and SS316L. Other materials are also available.

TEMPERATURE

Spiral Wound Gaskets can be used in a wide variety of media, i.e. a pH range varying from 0-14. Application/compatibility guide is available on request. Temperature from -450 °F up to 850 °F (steam up to 1200 °F)

TECHNICAL DATA

Y- Value [psi]	10000
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250

SOFT FILLER MATERIALS

	Identification	Color coding	Temperature Range
	ASME B16.20	ASME B16.20	Degrees C.
Graphite	FG	Gray stripe	- 250 / + 450 (+ 550)
PTFE	PTFE	White stripe	-240 / +260
Ceramic	CER	Light green stripe	- 50 / + 1000
Mica	MICA	Light blue stripe	- 50 / + 900

METALLIC MATERIALS

	Identification	Color coding	Temperature Range
	ASME B16.20	ASME B16.20	Degrees C.
Carbon Steel	CRS	Silver	- 25 / + 500
SS304(L)	304(L)	Yellow	- 200 / + 900
SS316(L)	316(L)	Green	- 100 / +550
SS321	321	Turquoise	-200/+550
SS347	347	Blue	-200/+550

LOCATIONS

905 W.13th Street DEER PARK, TX 77536, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

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METALLIC MATERIALS

Duplex (ASTM A182-F51)	31803	No colour	-60/+300
Avesta 254 SMO (6Mo)	31254	No colour	-100/+550
Carpenter 20 CB3	A20	Black	-100/+500
Nickel 200	NI200	Red	-100/+450
Nickel 201	NI201	Red	-100/+550
Monel® / Alloy 400	MON	Orange	-50/+500
Inconel® / Alloy 600	INC600	Gold	-100/+650
Inconel® / Alloy 625	INC625	Gold	-100/+800
Inconel® / Alloy X-750	INX	No colour	-100/+700
Incoloy® / Alloy 800	IN800	White	-100/+550
Incoloy® / Alloy 825	IN825	White	-200/+800
Hasteloy® / Alloy B2	HAST B	Brown	-100/+500
Hasteloy® / Alloy C276	HAST C	Beige	-100/+600
Titanium	TI	Purple	-100/+350
Zirconium	ZIRC	No colour	-50/+900

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