



Leader SpiralKam

High Integrity SPW Gaskets

DESCRIPTION

SpiralKAM SRI-LCP & SRI-LCG are Two Seals...One Design. Severe Service Fluid Sealing Technology Products. Designed to Eliminate Crevice Corrosion at ID of Flanges. Application In HF Acid and other Hazardous Service Requirements. Alloy Construction Matched to Process Media and Corrosive Service. Primary Seal with LeaderKAM kammprofile Inner PTFE Coated or Alloy Construction. Secondary Seal with Unique Controlled Density Spiral Wound. Inhibited Grade High Purity Graphite or ePTFE Facing on Inner Ring.

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)

SEALING CHARACTERISTICS

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

METALLIC MATERIALS

SS304(L)	304(L)	Yellow	- 200 / + 900
SS316(L)	316(L)	Green	- 100 / +550
SS321	321	Turquoise	-200/+550
SS347	347	Blue	-200/+550
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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