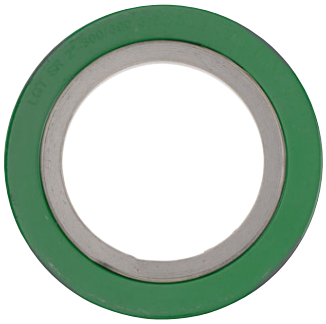
Spiral-wound gaskets Type SR
with outer guide ring



Description
Spiral-wound gaskets are widely used as a high quality and durable gasket. The sealing element is made of pre-formed, V-shaped metal windings with soft filling material. Most used fillers are graphite and PTFE.
Because of the construction, the Spiral wound gasket has a high compressibility and recovery.
Leader Style SR spiral wound gaskets are available with an outer guide ring. These are suitable for ASME B16.5 raised faced flanges up to 600 lbs and for EN / DIN flanges up to PN40.
We strongly recommend to use SRI gaskets with a inner guide ring, or the inside must be enclosed

Technical properties
- Blow-off safe
- Large chemical resistance
- Suitable for differing pressure and temperature
- Low emission
- Large pressure limits
- Not adhesive to flanges
- Easily mountable

Application
(Petro-) Chemical Industry, Steam, On- and Offshore, piping, pressure vessels and heat exchangers.

Chemische resistentie, druk en temperatuur
Spiral-wound gaskets are suitable for various differtent media, in a pH range of 0-14.
Pressure from vacuum to ASME class 600lbs and DIN/EN class PN64
Temperature from –250 °C to max +450 °C (steam to max +550 °C)

Supply programme
Standard gaskets are geproduced according to EN1514-2 for EN/DIN-flanges class PN10 and ASME B16.20 / EN 12560-2, for flanges according to ASME B16.5 class 150-600lbs.
Non standard sizes up to 4000 mm in diameter can quickly be produced. Other materials available upon request, see table 2.

Approvals and certificates
- EN10204 3.1 certificates available upon request, as well as NACE MR0175/ISO 15156 conformity statement.

Table 1: Technical data*

Max. applicable pressure	150 bar
Max pressure and temperature	see materials table 2
Min- and max temperature	see materials table 2
M-factor (ASME Boiler&Pressure Vessel code Div. I, section Viii, Appendix 2) :	3
Y-value (ASME Boiler&Pressure Vessel code Div. I, section Viii, Appendix 2) :	10000psi (70N/mm2)
Min surface pressure (DIN E 2505 part 2)	>50N/mm2
Max surface pressure (DIN E 2505 part 2)	300N/mm2
Flange roughness (Ra)	Ra=3,2-6,3 micron

* Depending on material and constuction

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Table 2: Materials*

	Unit	Color coding	Temperature limit
	ASME B16.20	**ASME B16.20**	**°C.**
Soft filling material			
Graphite	FG	Grey strip	- 250 / + 450 (+ 550)
PTFE (Teflon®)	PTFE	White strip	- 240 / + 260
Mica	MICA	Light blue strip	- 50 / + 900
Metallic material			
Carbon Steel	CRS	Silver	- 25 / + 500
SS304(L)	304(L)	Yellow	- 250 / + 550
SS316(L)	316(L)	Green	- 200 / + 550
SS321	321	Turquoise	- 250 / + 550
SS347	347	Blue	- 250 / + 550
Duplex (ASTM A182-F51)	31803	No color	- 100 / + 350
Avesta 254 SMO (6Mo)	31254	No color	- 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	- 60 / + 425
Inconel® / Alloy 600	INC600	Gold	- 60 / + 900
Inconel® / Alloy 625	INC625	Gold	- 100 / + 800
Inconel® / Alloy X-750	INX	No color	- 100 / + 700
Incoloy® / Alloy 800	IN800	White	- 110 / + 950
Incoloy® / Alloy 825	IN825	White	- 100 / + 800
Hasteloy® / Alloy B2	HAST B	Brown	-200 / + 450
Hasteloy® / Alloy C276	HAST C	Beige	-200 / + 450
Titanium Gr2	TI	Purple	-40 / + 20
Zirconium	ZIRC	No color	-50 / + 900

* The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or in-complete. Specific applications must always be requested

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