



RAMADHA 1100

SPIRAL WOUND GASKET

STYLE IOR

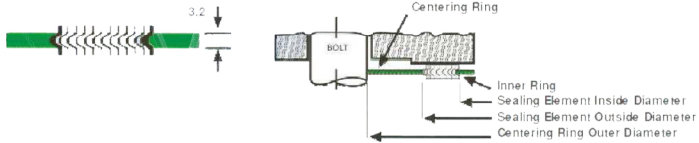
Description

Ramadha is a Manufacture of custom spiral wound gaskets. Spiral wound gaskets are ideal for applications that demand a gasket with the highest-quality flexibility and recovery to maintain a seal even in conditions characterized by fluctuating temperature and pressure. Composed of a steel centering (outer) ring, a spiral wound sealing strip (filler) and an inner ring made of special steel, spiral wound gaskets are created by winding alternating strips of metal and filler material. Depending on the chemical compatibility requirements, the filler and winding material can be changed. These gaskets are manufactured to International specifications such as ASME, DIN, JIS, BS We also manufacture to customer's specifications

STYLE IOR



RAMADHA SPIRAL WOUND GASKETS STYLE – 'IOR'

<p>RAMADHA STYLE – 'IOR'</p>	<p>Spiral Wound Metallic Gasket with inner & outer rings. (Rings are made of carbon steel stainless steel and other metals)</p>	 <p>Style IOR (Sealing Element with Inner and Outer Ring)</p>
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- Temperature range of –200°C to in excess of 550°C
- pressures up to 300 bar

Spiral wound gaskets are used in Refinery, Petrochemical, Chemical, Steam lines and Process Industries, where they have many advantages over older types of gaskets.

GASKET COMPRESSION & CHOICE OF THICKNESS

Nom. Thickness	Compressed Thickness
2.5 mm(.098 in)	1.9/2.1mm(.075/.085 in)
3.2 mm(.125 in)	2.4/2.6mm(.095/.105 in)
4.5 mm(.175 in)	3.2/3.45mm(.125/.135 in)
6.4 mm(.250 in)	4.6/4.8mm(.180/.190 in)
7.3 mm(.285 in)	4.7/4.9mm(.185/.195 in)

WINDING MATERIAL:

SS304	650 Deg C
SS316	800 Deg C
SS347	870 Deg C
SS321	870 Deg C
Monal400	800 Deg C
Nickel 200	600 Deg C
Titanium	540 Deg C
Inconel600	1000 Deg C
Inconel625	1000 Deg C
Incoloy825	1000 Deg C

COMMON FILLERS USED

Filter Material	Maximum Temperature
Graphite	500°C
PTFE	260°C
Mica	1000°C
Mica and Graphite	900°C

Inner And Outer Ring Material

Carbon Steel, Stainless Steel 304,304L, 316,316L,316Ti,321,347, MONEL® 400,Inconel® 600,625,800, Incoloy® 800, 825, Nickel 200, Titanium, Hastelloy, Copper.