

GASKETS



SPIRAL WOUND GASKETS

Spiral wound gaskets are available in various different forms and materials all designed around the sealing element. The spiral wound sealing element consists of a metallic winding strip with layers of a softer, more compressible material. The most common type of spiral wound gasket consists of solid metal inner & outer rings and the spiral wound sealing element. The winding, filler and metal rings are available in a range of different materials which are all listed below along with the different types of spiral wound gaskets that we supply.

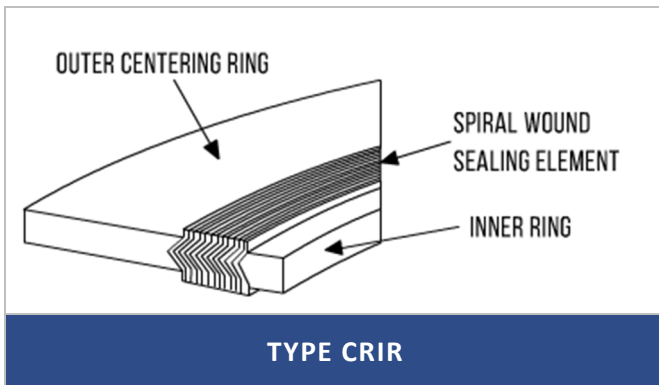
FILLER MATERIAL	MAX TEMPERATURE	ASME B16.20 COLOUR CODING
Graphite	550°C	Grey Stripe
PTFE	260°C	White Stripe
Mica	1000°C	Light Green Stripe
Mica and Graphite	900°C	-

WINDING/INNER/OUTER MATERIAL	MAX TEMPERATURE	ASME B16.20 COLOUR CODING
Carbon Steel	500°C	Silver
304 Stainless Steel	650°C	Yellow
316 Stainless Steel	800°C	Green
Duplex UN S31803	800°C	N/A
347 Stainless Steel	870°C	Blue
321 Stainless Steel	870°C	Turquoise
Monel 400	800°C	Orange
Nickel 200	600°C	Red
Titanium	500°C	Purple
Hastelloy B-2	700°C	Brown
Hastelloy C-276	700°C	Beige
Inconel 600	1000°C	Gold
Inconel 625	1000°C	Gold
Inconel X-750	1000°C	N/A
Inconel 825	600°C	N/A
Zirconium	500°C	N/A

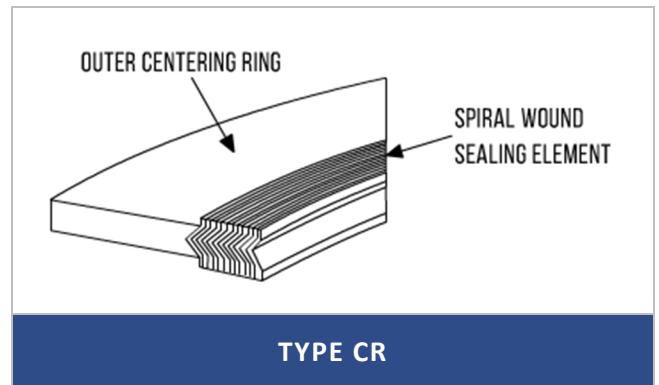
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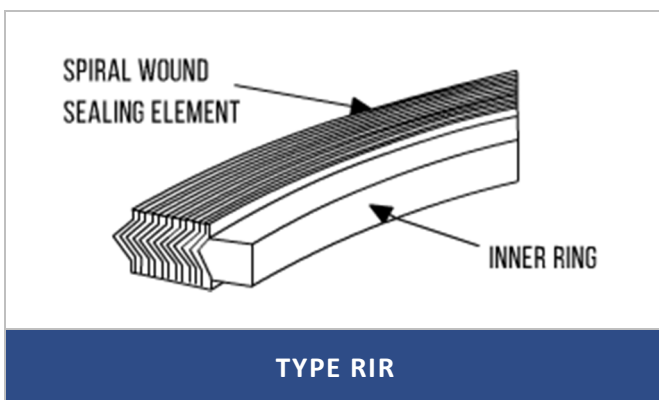
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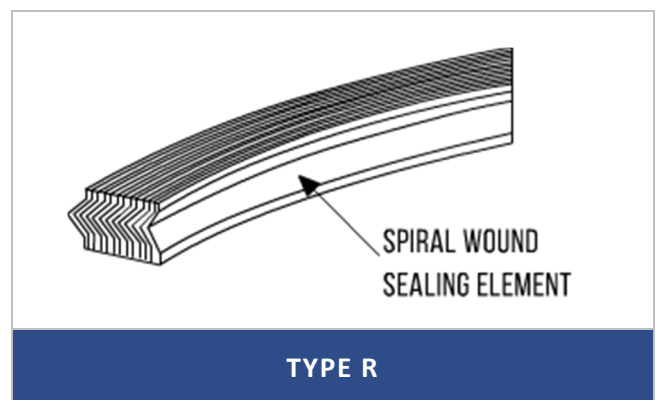
- Spiral wound sealing element
- Solid metal inner & outer ring
- Suitable for high pressure & temperature applications
- Raised face of flat flanges
- Prevents turbulence & erosion damage to flange
- Prevents damage to gasket bore & inner windings
- Inner ring acts as heat shield & corrosion barrier
- General & critical duties



- Spiral wound sealing element
- Solid metal outer ring used as a centering device & compression stop
- Used mainly on raised face and flat face flanges
- General duties



- Spiral wound sealing element
- Solid metal inner ring
- High pressure temperature capability
- Male to female flanges
- General & critical duties



- Spiral wound sealing element
- Suitable for high pressure/high temp applications
- Tongue & groove, male to female and flat face to recess flanges.
- General & critical duties