

# KLINGER MAXIFLEX

Spiral Wound Gaskets



# KLINGER MAXIFLEX

## Spiral Wound Gaskets

### Applications

- » Spiral wound gaskets are widely used in piping and pressure vessel flange connections, in medium to high pressure and temperature duties.
- » The sealing element of a spiral wound gasket is manufactured from a preformed metallic strip in combination with a soft filler material.
- » Inner and / or outer rings can be incorporated to suit the flange face design and application parameters.

### Dimensions

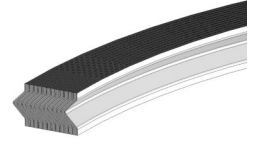
- » The dimensional requirements for spiral wound gaskets are provided in ASME B16.20 for various flange standards.
- » Gaskets are also available to meet the dimensional requirements of other flange standards, such as EN or JIS.
- » Custom sized gaskets can be produced from customer supplied information.
- » Three standard sealing element thickness options are available, e.g., 0.125", 0.175" and 0.250". Other thicknesses are available upon request.

### Materials

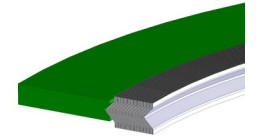
- » Sealing element winding strip: Austenitic and duplex stainless steel grades as well as other exotic alloy steels.
- » Sealing element filler material: Flexible graphite, PTFE and mica.
- » Inner and outer rings: Carbon steel or austenitic and duplex stainless steel grades, as well as other exotic alloy steels.
- » All carbon steel outer rings are epoxy powder coated for atmospheric corrosion protection.

### Properties

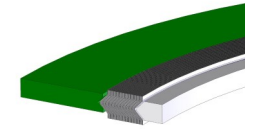
**Style R**  
 Sealing element only



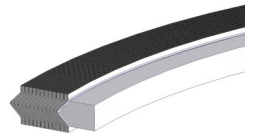
**Style CR**  
 Sealing element, with outer ring



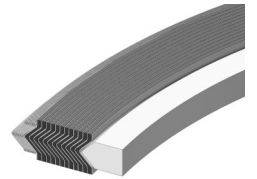
**Style CRIR**  
 Sealing element, with inner and outer ring



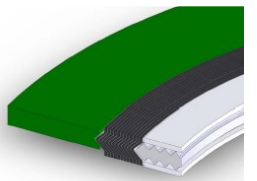
**Style RIR**  
 Sealing element, with inner ring



**Style HTX**  
 Style RIR, with inner ring and centralizing overwind



**Maxiflex Pro**  
 Style CRIR, with Maxiprofile inner ring



### KLINGER Thermoseal

2350 Campbell Road, Sidney, Ohio 45365  
 Tel: +1 937 498 2222

3803 S. Sam Houston Parkway W., Houston, Texas 77053  
 Tel: +1 713 997 8111