

THE STYLE CG is a spiral wound gasket for flat and raised face diameter flanges up to and inclusive of Class 2500.

## Materials and Maximum T Limits

| Spiral Wound Filler Guide | Filler Type      |                  |                  |                  |                  |
|---------------------------|------------------|------------------|------------------|------------------|------------------|
|                           | Thermiculite 835 | Flexicarb        | PTFE             | Flexite Super    | Ceramic          |
| Maximum Temperature       | 1800°F<br>982°C  | 842°F<br>450°C   | 500°F<br>260°C   | 480°F<br>249°C   | 2300°F<br>1260°C |
| Minimum Temperature       | -400°F<br>-240°C | -400°F<br>-240°C | -300°F<br>-184°C | -150°F<br>-101°C | -150°F<br>-101°C |

## Design Parameters

| Gasket Thickness | Maximum Inside Dimension | Recommended Flange Width | Recommended Compressed Thickness |
|------------------|--------------------------|--------------------------|----------------------------------|
| 0.125"           | up to 20"                | 1"                       | 0.090" / 0.100"                  |
| 0.125"           | 20" to 40"               | 3/4"                     | 0.090" / 0.100"                  |
| 0.175"           | up to 40"                | 1"                       | 0.125" / 0.135"                  |
| 0.175"           | 40" - 60"                | 1"                       | 0.125" / 0.135"                  |

| Gasket Thickness | Maximum Inside Dimension | Recommended Flange Width | Recommended Compressed Thickness |
|------------------|--------------------------|--------------------------|----------------------------------|
| 0.175"           | 60" to 70"               | 7/8"                     | 0.125" / 0.135"                  |
| 0.175"           | 70" to 75"               | 3/4"                     | 0.125" / 0.135"                  |
| 0.250"           | 90"                      | 1"                       | 0.180" / 0.200"                  |
| 0.285"           | 185"                     | 1"                       | 0.200" / 0.220"                  |

## Required Surface Finish • 125 - 250 Microinch Ra

## Tolerance Capabilities

| Gasket Diameter | Inside Diameter | Outside Diameter |
|-----------------|-----------------|------------------|
| Up to 10"       | ± 1/64"         | ± 1/32"          |
| 10" to 24"      | ± 1/32"         | ± 1/16"          |
| 24" to 60"      | ± 3/64"         | ± 1/16"          |

## Applicable Standards

- ASME B16.20
- BS3381
- Suited for ASME B16.5 and B16.47 series flanges

## Design Factors

| ASME (All) |            |
|------------|------------|
| m          | 3          |
| y          | 10,000 psi |

| PVRC     | Flexicarb / SS | Flexite / SS |
|----------|----------------|--------------|
| Gb (psi) | 2300           | 2600         |
| a        | 0.237          | 0.230        |
| Gs (psi) | 13             | 15           |



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