



# Series 600 Metal-Clad Gaskets

## Gasket Styles

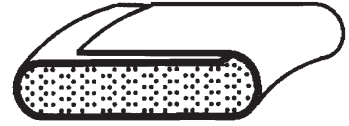
### Style 600—Corrugated Solid Metal

A plain, all-metal corrugated gasket for use in low pressure applications that require a thin line contact because of space or weight limitations. Corrugated gaskets are a versatile sealing element where the available bolt loads are low.



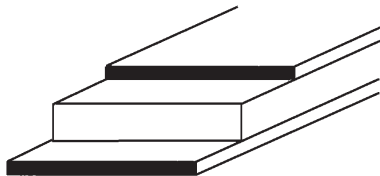
### Style 624—Single-Jacketed Overlap

Construction of this gasket offers more filler protection than the standard single-jacketed design. Although constructed like a single-jacketed gasket, it has the added benefit of totally encasing the filler material.



### Style 606—Solid Metal with Flexible Graphite Covering

A solid metal gasket covered with a layer of flexible graphite. This covering layer seals at a low load and fills voids and imperfections in the flange.



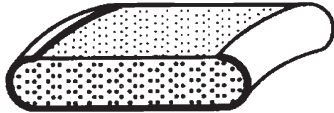
### Style 626—Double-Jacketed Corrugated

Concentric corrugated sealing element totally encapsulates the soft filler material. The corrugations give improved resilience in applications where thermocycling is a problem.



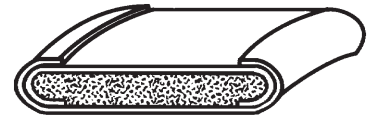
### Style 620—Single-Jacketed

Generally used where the radial dimensions of the equipment sealing surfaces only allow space for a narrow width seal. Single-jacketed gaskets are constructed as shown. The metal jacket reinforces the soft sealing material.



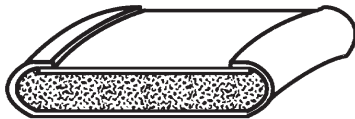
### Style 627—Double Shell

The double shell on this gasket allows greater hoop strength and rigidity with the addition of a completely overlapping inner seal. This gasket will withstand higher compressive loads common in high pressure applications.



### Style 623—Double-Jacketed

The double-jacketed gasket has good compressibility and resilience and is the most popular metal-clad gasket manufactured.



### Style 629—Double-Jacketed Corrugated with Corrugated Metal Filler

The metal filler in Style 629 has greater resilience to problems resulting from thermocycling. The temperature limits of this gasket are governed only by the metal selected.



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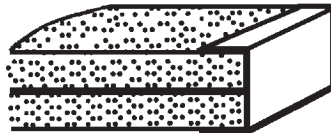
### Style 631—Two-Piece French-Type

Garlock Style 631 is ideal for narrow circular applications that require a positive unbroken metal gasket line across the full width of the flange. The filler is exposed on the OD. This gasket is also available in one, two, and three-piece constructions.



### Style 635—Selected Metal and CERAFELT®\*

This gasket is designed to be used in lightweight flanges. The thick compressible layer of CERAFELT® is shielded on the ID with a metallic barrier. Style 635 is commonly used in applications with very hot gases and low pressures.



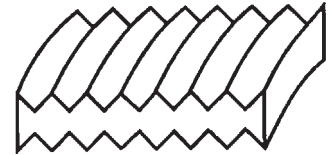
### Style 640—Solid Metal

This gasket offers extremely tight sealing, high mechanical strength, and good resistance to temperature, corrosion and pressure. Bolting stress and flange surface finish are key to the performance of this design.



### Style 641—Solid Metal Profile

Profile gaskets combine the desirable qualities of a solid metal gasket with the advantages of a reduced area of contact, thereby reducing the bolt stress required to effect a seal. This gasket has the same advantages of strength, heat conductivity, and resistance to temperature, pressure and corrosion as Garlock Style 640.



### Style 642—Grooved Metal

Kammprofile



### Styles 644 and 645—Single- and Double-Jacketed Profile

Metal-jacketed profile gaskets employ the same principle of reduced contact area while protecting the flange faces from damage due to scoring. This gasket can be manufactured in one of two designs—either single-jacketed (Style 644) or double-jacketed (Style 645).



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