Corrugated Metal Gaskets, or CMG for short, can be furnished in several metals with various pitch grooves. These are designed for low to medium pressure applications on machined flanges.

Browse corrugated metal gasket product lines:

Garlock CMG Offerings
Lamons CMG Offerings
Leader CMG Offerings

The superior technology of the GRAPHONIC® family of gaskets ensures excellent sealing performance and reliability, even in the most difficult applications. Each of the three styles combines a corrugated metal core with a compressible sealing element of various materials, for resistance to a wide range of harsh conditions, including extreme temperature, corrosive chemicals, and thermal cycling.

Garlock Corrugated Metal Gaskets
The Lamons CMG family of products are considered the standard in respect to corrugated metal gasket technology; an excellent choice for 150 and 300 class ASME flanges where available bolt loading is minimal. The substrate geometry promotes recovery and resilience through thermal cycles and extended service life. CMGs can be direct replacements for spiral wound gaskets and can eliminate inward buckling issues while creating a seal at moderate flange stresses.

Available in a wide range of substrate alloys and covering layer options, CMG style flange gaskets can be utilized to solve many common flange problems. CMG substrate geometries are engineered to achieve maximum recovery characteristics. A specific pitch, core thickness and wall angle is engineered to maximize the seal's ability to overcome relaxation through joint relaxation, pressure and thermal cycles.

Lamons Corrugated Metal Gaskets

LEADER CORRUGATED METAL GASKETS

Elastagraph™ gaskets are produced by infusing seamless layers of flexible graphite at varying densities and thickness over a corrugated metallic core. Elastagraph™ utilizes a unique corrugated pattern which increases the depth of the groove and the pitch at the peak of the corrugation. This greatly improves the gaskets sealability over traditional corrugated designs.

Leader Corrugated Metal Gaskets