



Sealing Global - Servicing Local



Lamons CMG[®] Product Family

"Advanced Corrugated Metal Gasket Technology"



Lamons CMG gaskets are considered the standard in respect to corrugated metal gasket technology. An excellent choice for 150 and 300 class ASME flanges where available loading is minimal. The substrate geometry promotes recovery and resilience through thermal cycles and extended service life.

CMG gaskets can be a direct replacement 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.

Available in three distinct designs, the CMG can be custom engineered to fit most any application.



Lamons CMG consists of premium flexible graphite covering layers over an engineered corrugated steel substrate. The CMG with graphite covering layers represents an excellent choice for use in flanges where minimum seating loads are required.



Lamons CMGT consists of premium flexible graphite covering layers over an engineered corrugated steel substrate. A PTFE inner ring is attached to prevent chemical attack in highly oxidizing services. This is an excellent way to achieve fire safety in a process that might degrade graphite covering layers.



Lamons CMG-PTFE is constructed by laminating expanded PTFE covering layers over a corrugated steel substrate. Substrates consisting of exotic alloys can be specified to achieve a particular chemical compatibility.

GASKET CONSTANTS

CMG & CMGT "M" - 2.75 / "Y" - 3700 PSI
CMG-PTFE "M" - 2.75 / "Y" - 2500 PSI

TEMPERATURE RANGE

CMG CRYOGENIC TO 975°F (524°C)
CMGT & CMG-PTFE CRYOGENIC TO 450°F (232°C)

For assistance with CMG sizing and design, contact Lamons Engineering: Engineering@lamonsgasket.com



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