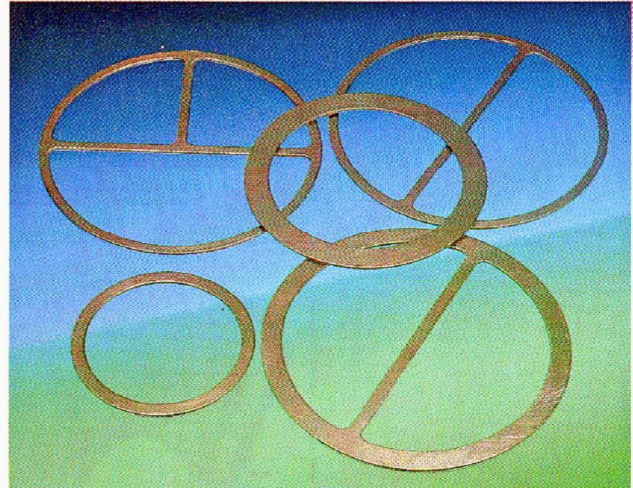


# FLEXICARB® TYPE MRG GASKET

The Flexicarb type MRG gasket was initially designed by Flexitallic to provide a high performance, low seating stress gasket replacement to the traditional metal jacketed and compressed asbestos fibre type gaskets utilised on heat exchanger applications. However, in recent years, the success of this product has demanded its use on standard pipe flange arrangements, where bolting and size restrictions make this gasket the ideal alternative to the more standard product range.



In cross section, the MRG gasket incorporates a solid metal core with graphite foil bonded to each face. The graphite facing layers are manufactured from high purity material to exact thicknesses and density, thus ensuring that correct material compression can be controlled, vital in enclosed applications. This high quality graphite material provides excellent sealing characteristics, readily flowing into flange imperfections under relatively low applied loads, whilst the metallic core provides a rigid gasket construction, vital for operating and handling conditions.

The exceptional chemical resistance of Flexicarb graphite material, combined with the wide range of core materials available, from standard carbon steel and stainless steel grades through to the exotics such as Inconel and Monel, ensures that the Flexicarb type MRG can be designed for virtually every media service.

METALLIC CORE



FLEXICARB  
BONDED TO  
EACH FACE

## **METALLIC CORE**

**CARBON STEEL**

**STAINLESS STEEL**

**EXOTICS**

## **CORE THICKNESS - As Standard**

**1.5mm (1/16") - UP TO 720mm (24" N.B.)**

**2.0mm (0.080") - 721 TO 1200mm (24" to 42")**

**3.0mm (1/8") - over 1201mm (44" N.B. and above)**

Thickness may be varied to suit customer's requirements where an existing flange configuration dictates the final thickness of the compressed gasket.

## **BENEFITS OF FLEXICARB TYPE MRG GASKET**

- LOW SEATING STRESS VALUES
- EXCELLENT SEALING CHARACTERISTICS
- CONTROLLED COMPRESSION
- EXCELLENT CORROSION RESISTANCE
- NARROW GASKET WIDTH AVAILABLE
- PROVEN CASE HISTORY