Flexitallic

PRODUCT DATASHEET

FLEXITALLIC FLEXIDRAM

Flexitallic Flexidram is a hybrid fire-safe gasket comprising a machined outer Flexpro™ (kammprofile) ring faced with graphite with a specially cleaned Sigma® 501 internal ring.

Service:

The Flexidram gasket has been designed for use in applications in the food and beverage industries where there is a requirement for an olean, non contaminating fire-safe seal. E.g. the distillation of fermented alcohol containing fluids, in the manufacture of flammable high spirit liquors such as whisky, brandy etc.

The specially cleaned, FDA compliant Sigma® 501 internal ring functions as the primary seal in direct contact with the media. The secondary, fire-safe Flexpro™ seal allows accurate location on the flange face and integral compression limitation. No adhesive is used to secure the inner ring to the metallic outer ring.

Maximum recommended temperature: 260^0C (500^0F)

Maximum recommended pressure: 50 bar (725 psi)

Materials:

Inner ring: Sigma® 501

Outer ring: Flexpro™ 316 stainless steel with Flexicarb graphite facing.

Approvals:

API 6FB fire test
FDA compliant

Availability:

To suit a variety of common national and international flange standards: ASME, DIN, EN and ISO.

Thickness range: 3mm (compressing to 2.1mm)

Materials and Construction:

Sigma® 501 internal ring

Flexicarb faced Flexpro™ outer ring

This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.

Health & Safety
For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic UK Ltd.

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