



MAS

SEALING SYSTEMS (P.) LTD.

ISO-9001 : 2000 CERTIFIED COMPANY

MGRAF Tapes & Rings are manufactured from 100% graphite. This high density self forming pump & valve packing are designed to control leakage. Die formed rings are custom engineered to individual requirements ideal sealing material in a wide range of applications under extreme conditions in high pressure and high temperature fields against steam, gases, oils and various aggressive media.

MGRAF TAPES & RINGS



- ✧ **Available in any form**
- ✧ **Almost friction free**
- ✧ **Does not trap air**
- ✧ **Excellent modulability, compressibility & lubricity**
- ✧ **High temperature performance**

ADVANTAGES OF MGRAF TAPES & RINGS

- ✧ Extends the sealing life at very high temperature and pressure.
- ✧ You can pack your own valve with few such rolls or rings.
- ✧ You can fabricate gasket on flanges on the site itself.
- ✧ Graphite Tapes also available with adhesive backing.

APPLICATIONS Packing material for stuffing boxes for valves pumps mixers and for flange gasketing also.

Used for wide services including:

Corrosive fluids, Heat transfer fluids, Hot oils, Ammonia, Freon, Liquid Oxygen, Liquid Hydrogen, Petrol, GNL / GPL and Hydro Carbons etc.

MGRAF GASKETS

MGRAF Gaskets are the most resilient gaskets for flanges capable of withstanding to high temperature and pressure. These gaskets are manufactured from 100% pure graphite containing no binder or fillers. It will provide the desired compression with high percentage of recovery and low creep relaxation.

TECHNICAL DATA FOR MGRAF TAPES, RINGS & GASKETS

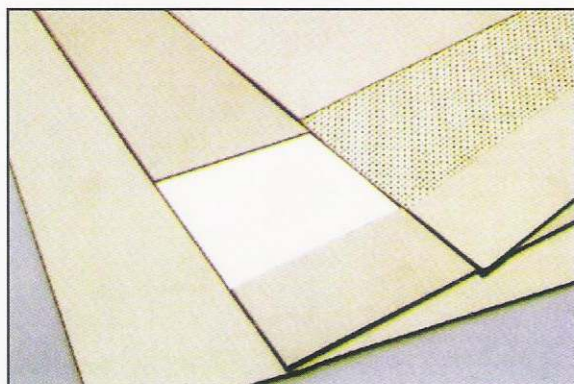
High Temperature Resistance : -200°C to 600°C
(+3000°C in non-oxidising area)

High Pressure Resistance : Upto 10000 PSI depending on design
Upto 12000 PSI for metallic Gaskets

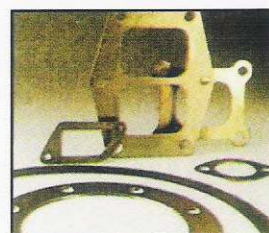
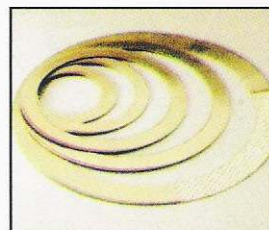
High Cross Section Density : 1.6gm/cc > (For Moulded Rings)

High Chemical Resistance : PH 0-14

For extra durability and handling ease gaskets are also available with metal inserts of S.S. 316/304, Aluminium etc. in foil or mesh form. These gaskets are recommended for high temperature and pressure application in fluctuating conditions. It prevents damage to the flange surfaces.



Distributed by



ADVANTAGES OF MGRAF GASKETS

- ✧ Lasts a life-time
- ✧ No Thermal expansion
- ✧ 100% pure graphite, No binders & Asbestos Free
- ✧ Offers leaktight sealing even at moderate bolting
- ✧ Self lubricating
- ✧ Non-Corrosive & Non-Abrasive
- ✧ It can adapt the surface irregularities easily
- ✧ Desired Compression with high percentage of recovery
- ✧ No Ageing
- ✧ Suitable for fluctuating temperature & pressure because of its permanent elasticity
- ✧ Reusable after removal

APPLICATIONS Pipe flanges, hand holes, flange joints on pumps, valve body & bonnet seals, fluid level gauge seals, pump gear case seals, exhaust pipe gaskets, cylinder head gaskets and in all industries like Chemical Plants, Power Plants, Petro Chemicals Plants, Refineries, Smelting Plants, Refrigeration Plants, Engineering Companies.



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