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KUKIL INNTOT CO., LTD.

KUKIL INNTOT is a professional manufacturer of gasket, packing coupling with the latest technology not only for the plant but also the plant maintenance and emergency repair.

GRAFLEX GASKET 210FM(210FME)

Product Reference :

K/# 210FM , K/# 210FME

Description :

GRAFLEX used for **KUKIL 210FM** is obtained by refining the natural GRAFLEX and can be processed into sheet forms of high flexibility without using any binders or additives. The metal core (SS316L) which is inserted into GRAFLEX by means of chemical bonding makes up for the weak points of soft GRAFLEX and provides a more stable and excellent sealing function.

210FME is a product whose sealing effectiveness has been greatly improved by applying an eyelet in the inner diameter.

Service :

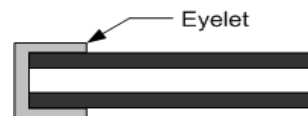
Maximum recommended Temperature : Cryogenic ~ 450°C (in Atmosphere)
650°C (in Steam)

Maximum recommended Pressure : 100 kg/cm²

Construction :



Type 210FM



Type 210FME

Typical Physical Properties :

TYPICAL MATERIAL PROPERTIES (GRAFLEX)	
Density	1.0~1.2 gm/cc
Leachable Chloride Content - Max.	
Industrial Grades	100 ppm
Premium(Nuclear) Grades	50 ppm
Sulfur Content - Max	
Industrial Grades	1000 ppm
Premium(Nuclear) Grades	700 ppm
Carbon Content - Min.	
Industrial Grades	95.0%
Premium(Nuclear) Grades	99.5%
Compressibility	40%
Recovery	20%
Creep Relaxation	< 5%
Sealability	< 0.5 ml/hr

Gasket Design Data :

Type	Thick.	Gasket Factor " m "	Min. Design Sealing Stress " y "
210FM(E)	1.5 / 3.0mm	2	1,500 psi

Availability :

Gasket Size : up to 5,000mm

Thickness : 1.5mm / 3.0mm / etc.

Remark :

- The specification of product is written by manufacturer, and it is changed frequently.
- Metal foil to be inserted is optional with the customer. (SS316L, SS304, Inconel etc.)