

Commander Ht Isolation Kit

PRODUCT

Commander HT Isolation Kit

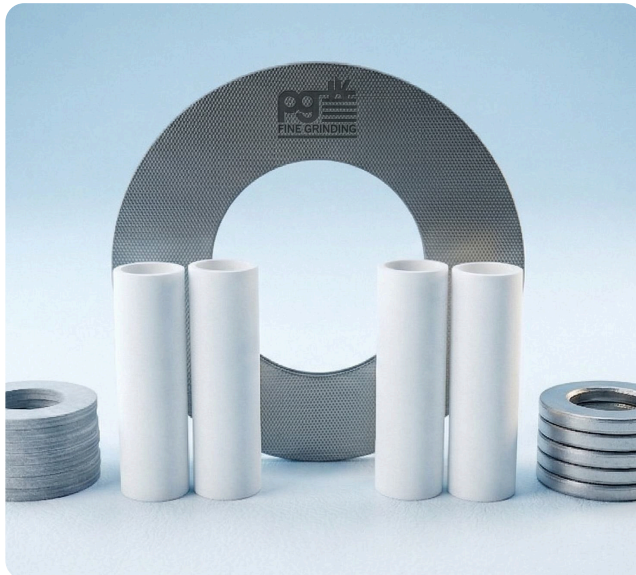
PRODUCT USAGE

Complete Sealing And Isolation Performance. ADNOC Approved.

Commander HT isolation kit is a tested and field proven system for high temperature service. HT gaskets provide protection from galvanic corrosion and safely operate in sour conditions at extreme temperatures.

GASKET

The gasket provides isolation of the two flanges and is a grooved kammprofile stainless steel 316l core which delivers huge strength and rigidity. The kammprofile facings are high dielectric strength modified PTFE or mica. Optional core materials include various grades of stainless steel, duplex steel and nickel alloys.



Product Information

Gasket Thickness
Custom Thickness

Maximum Rating
Class 2500

Maximum Diameter
3000 Mm
In One Piece Without Joins

Minimum Temperature
-50°C

Maximum Temperature
980°C

Recommended Flange Surface Finish
3.2 – 6.3 Ra

Formats Available

Type E

Gasket Extends Across The Face Of Flange Including Bolt Holes

Type F

Gasket Extends To The Inside Of The Bolt Circle

Dielectric Strength:

10kv/Mm

Flange Type

**Raised Face
Flat Face Only**

Recommended Flange Surface Finish

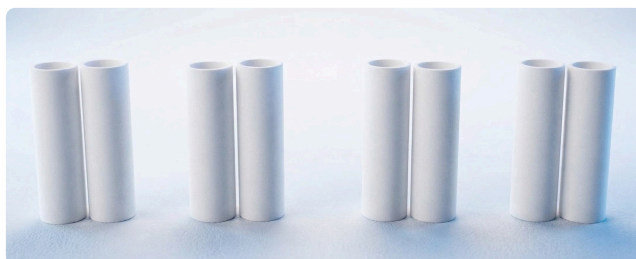
3.2 – 6.3 Ra

Commander HT gaskets can connect RF flanges to RJ flanges

Commander HT is an ideal replacement for ring type joints where the RJ groove is damaged or isolation is required. HT gaskets seal inboard of the RJ groove and require much lower bolt stress. The risk of flange rotation is also much reduced.

ISOLATION SLEEVES

Isolate the stud bolts from the flanges. Material selection is determined by the service temperature and choice of carrier and seals.



Product Information

Wall Thickness
0.75 MM

MICA

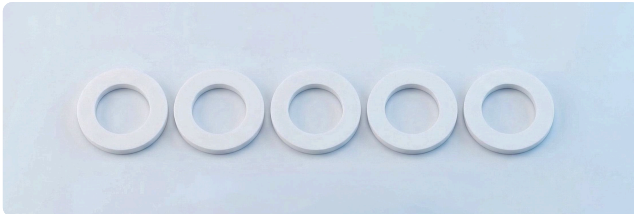
Minimum Temperature
-150°C

Maximum Temperature
+500°C

Commander HT Isolation Kit

ISOLATION WASHERS

Isolate the nut from the flanges and operate with the isolation sleeve. Key properties are compressive strength to resist stud tightening and dielectric strength. Material selection is determined by temperature.



Product Information

Wall Thickness
3.2 MM

MICA

Minimum Temperature
-150°C

Maximum Temperature
+500°C

Compressive Strength
60,000 PSI

Coated Steel

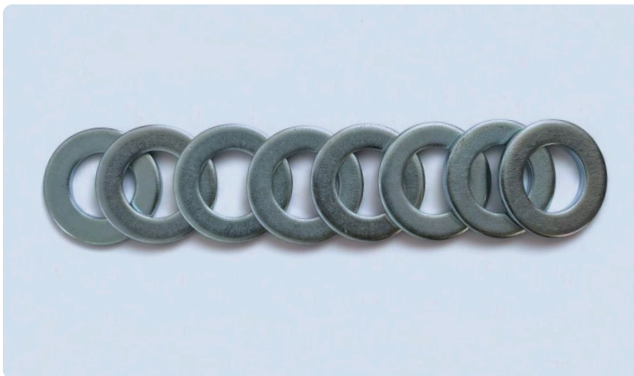
Minimum Temperature
-100°C

Maximum Temperature
+200°C

Compressive Strength
65,000 PSI

BACKUP WASHERS

Sit between the nut face and the isolating washer. Their function is to protect the isolating washers from the torque effect of the nut and to ensure an even transfer of force. Material selection is by compatibility with environment and stud bolt/nut materials.



Product Information

Zinc Plated Steel

Thickness
3.2 MM

Other Metal Grades Available

Types

SS304

SS316

Duplex

Alloy 625

Alloy 825

Super Duplex

KIT CONTENTS

Each kit contains everything necessary to isolate a standard flange.



Product Information

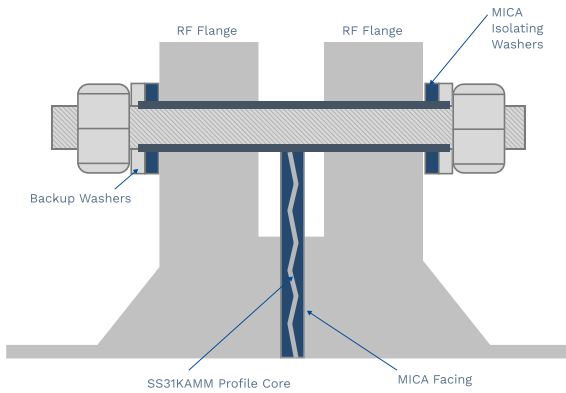
Isolating & Sealing Gasket
1 Per Kit

Isolating Sleeves
1 Per Bolt

Isolating Washers
2 Per Bolt

Backup Washers
2 Per Bolt

Commander HT Isolation Kit



Type F



Recommended
Flange
Surface
3.2 - 6.3 Ra

Formats Available

Type F & Type E

Carrier Extends To The Inside Of The Bolt
Circle

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APPROVED BY



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