

FLANGE INSULATION SETS

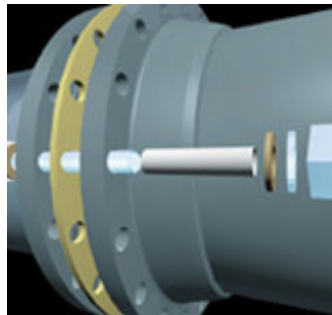
Flange Isolation Gasket Kits are typically used on offshore installations, seawater environments, chemical installations and oil refinery pipelines where galvanic corrosion protection and electrical insulation is required.

Constructed of high quality materials that have a high dielectric constant and low water absorption, Flange Isolation Gasket Kits are available in various configurations to suit your requirements.

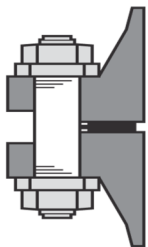
Each Flange Insulation kit contains:-

- Insulating gasket
- Isolating bolt sleeves
- Insulating and steel backing washers

All correctly sized according to the flange standard – all packed together to ensure safe and correct site assembly.



Insulation Set Type



Type F

Kit supplied with IBC gasket to suit RF Flange.

AMG Sealing Ltd

Unit 5 & 6 Royds Mill Business Park
Dyehouse Lane, Brighouse
West Yorkshire, HD6 1LL, UK

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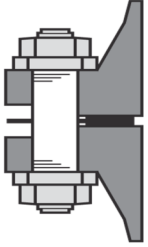
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Company Registration 7273888
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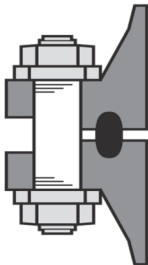


Cert No 9889
ISO 9001



Type E

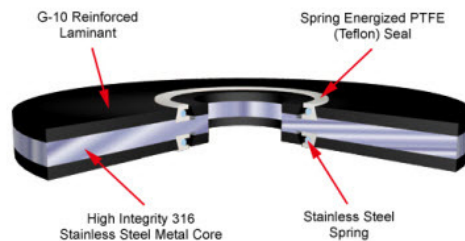
Kit supplied with Full Face gasket to cover bolt holes on flat face flanges.



Type D

Kit supplied with Phenolic Ring Type Joint in accordance to ASME B16.20 / API 6A for RTJ flanges.

Also available are high specification sets for critical service applications. These kits contain precision engineered gaskets suitable for the most demanding environments along with Isolating bolt sleeves and washers.



- Recommended for use on applications above #600 rated flanges.
- Suitable for use up to ANSI 2500# and API 15000# classes.
- Insulation between dissimilar metals to prevent galvanic corrosion.
- Mating mismatched ring joint to raised or flat face flanges.

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SPECIFICATIONS

GASKET MATERIAL	DIELECTRIC STRENGTH	WATER ABSORPTION	COMPRESSIVE STRENGTH	MAXIMUM TEMPERATURE °C
Phenolic	500 VPM	1.50%	25,000 PSI	107
Neoprene Faced Phenolic	500 VPM	1.50%	25,000 PSI	79
G-10	550 VPM	0.10%	50,000 PSI	141

SLEEVE MATERIAL	DIELECTRIC STRENGTH	WATER ABSORPTION	MAXIMUM TEMPERATURE °C
Mylar	4000 VPM	0.80%	149
Phenolic	400 VPM	2.00%	121
G-10	550 VPM	0.10%	141
Teflon	600 VPM	0.01%	200

WASHER MATERIAL	DIELECTRIC STRENGTH	WATER ABSORPTION	COMPRESSIVE STRENGTH	MAXIMUM TEMPERATURE °C
Phenolic	400 VPM	2.00%	25,000 PSI	121
G-10	550 VPM	0.10%	50,000 PSI	141

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