RAMCO® Sealing Solutions manufactures Flange Isolation Gasket Kits for various industries to provide cathodic protection of flanges in piping systems while ensuring seal integrity. We offer gaskets for chemical, high temperature and high pressure applications.

Gaskets are available in styles E , F and RTJ, size ranges from ½" NPS to 144"NPS or equivalent to meet all international piping sizes and standards to include AWWA, ANSI, API, DN, JIS and all others.

To ensure proper sealing and reliability our flange gaskets are available in multiple material types as listed below and sealing elements are manufactured from Nitrile, EPDM, Viton or PTFE.

INDUSTRIES

Oil & Gas
Pulp & Paper
Petro Chemical
Refining
Water/ Waste Water
Food & Beverage
Marine
Aerospace
Chemical
LNG

Applications

Gas
Waste water
Potable water
Steam
Oil
Chemical
Pipeline
LNG

Ramco® Sealing Solutions
info@ramcosealing.glacoxmail.com
337-706-8711 p 337-706-8713 f

Physical Characteristics/ Properties

ASTM Test	Property	Plain Phenolic	Neo-faced Phenolic	Hi-temp Phenolic G-3	Silicone Glass G-7*	Epoxy Glass G-10	Epoxy Glass G-11
D149	Dielectric strengths, Volts/mil	500	500	550	350-400	550	550
D695	Compressive strength, psi	25,000	25,000	50,000	40,000	50,000	50,000+
D229	Water absorption, %	1.6	1.6	0.7	0.07	0.1	0.1
D257	Insulating Resistance, Meg Ohms	40,000	40,000	46,000	2,500	200,000	200,000
D790	Flexural strength, psi	22,500	22,500	60,000	27,000	60,000	75,000+
D785	Hardness Rockwell "M"	85	85	115	105	115	115
D256	IZOD Impact, Strength ft-lbs/inch	1.2	1.2	12	8	14	12
D732	Shear strength, psi	10,000	10,000	18,000	20,000	22,000	22,000
D229	Operating temp, ºF	-65 to +220	-65 to +175	-65 to +392	Cryogenic to +450	Cryogenic to +280	Cryogenic to +350
	Operating temp, ºC	-54 to +104	-54 to +79	-54 to +200	- Cryogenic to +232	Cryogenic to +138	Cryogenic to +177
* = G-7 material should not be used with hydrocarbons, not even trace amounts.							

Material types above are standard products.

Please contact us for applications that are not within the ranges shown above or require specific materials.