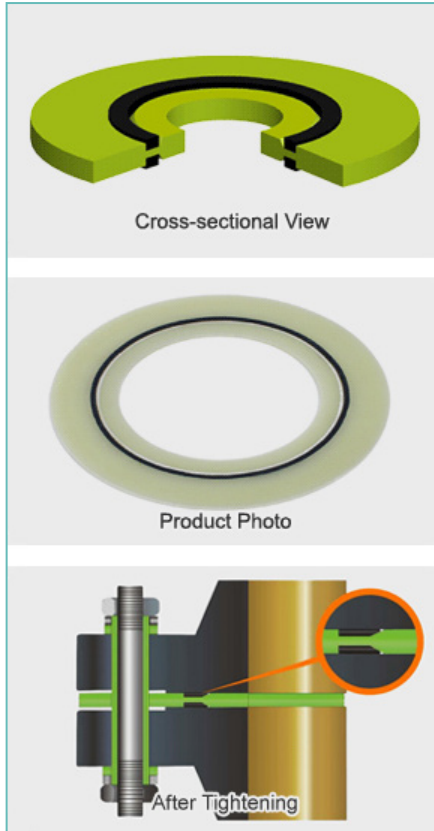


DESCRIPTION

Seaco TSG style E & F (Quad) gaskets provide one of the most effective methods for sealing and insulating all types of flanges.



- The quad ring, a rectangular sealing element, encapsulated in special designed groove, it provide near zero “m” and “y” factors to make the controlled-pressure seal can always be obtained without tremendous bolt loads.
- The materials such as Nitrile, EPDM, VITON and Telfon can be used as sealing elements, this increase the options for different working conditions.
- Both retainer and sealing element’s temperature limit should be considered together while choose the material. Refer to chart for sealing gasket temperature range and material compatibilities.

Waranty exclusion

In view of the variety of different installation and operation conditions and application as well as process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.

GASKET MATERIAL

	Plain Phenolic	Neoprene Faced Phenolic	Reinforced PTFE	G-7 Silicone/ Glass	G-10 Epoxy/ Glass	G-11 Epoxy/ Glass
Dielectric strength Vots/Mil	500	500	350	350	550	550
Compressive strength psi	25000	25000	2300	40000	50000	50000
Water absorption %	1.6	1.6	0.01	0.07	0.1	0.1
Tensile strength psi	20000	20000	1450	25000	45000	43000
Operating temp° F	-65 to +220	-65 to +175	-320 to +500	-320 to +450	-320 to +280	-320 to +349
Operating temp° C	-54 to +104	-54 to +79	-196 to +260	-196 to +232	-196 to +138	-196 to +176

SEAL MATERIAL

	Nitrile	Viton	Teflon	Neoprene	EPDM
Operating temp° F	-40 to +250	-20 to +350	-320(-20) to +450(+350)	-40 to +250	-40 to +250
Operating temp° C	-40 to +121	-29 to +177	-196(-29) to +232(+177)	-40 to +121	-40 to +121

AVAILABLE GASKET TYPE E

Type “E” is a full-face gasket with same outside diameter as the flange and precision cut bolt holes. This design facilitates proper alignment of the gasket during installation.

AVAILABLE GASKET TYPE F

Type “F” gasket are made to fit the raise face portion of the flange only. As there are no bolt holes in the “F” gasket, the outside diameter of the gasket fit tightly into place assuring a well centered position.