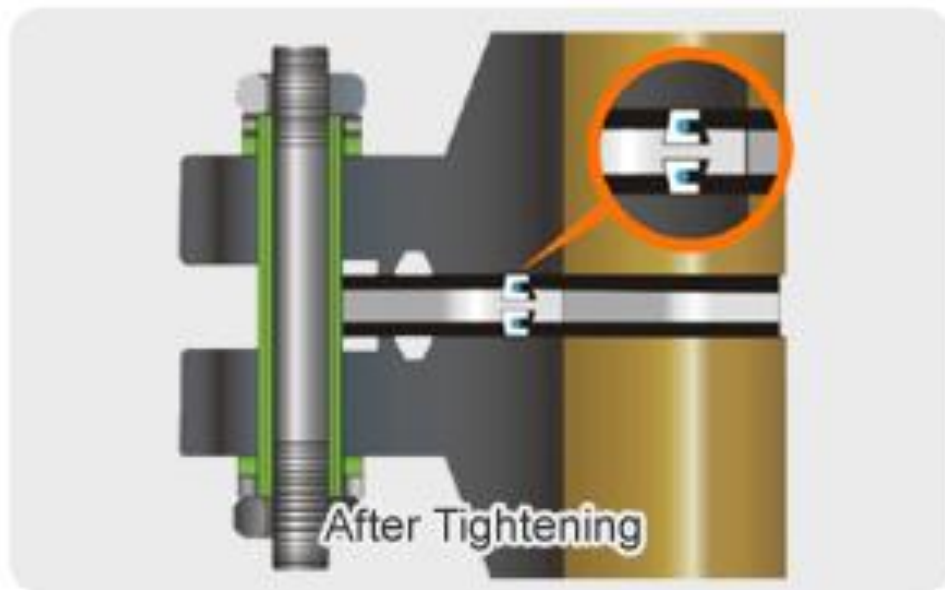
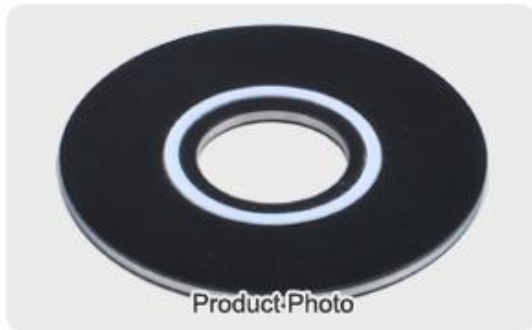


Flange Insulation Gasket Kit

**Flexiteck
UK**

Style: 280 , Model: T-seal

Our insulation kit passed ASTM D3850-12 Fire Safe, analysis was performed by TGA.



The gasket material incorporates high-strength, glass-reinforced epoxy laminated then bonded to a stainless steel core. This provides the strength of a traditional metallic gasket while maintaining complete electrical insulation between the flange faces. Seal grooves are machined through the laminate insulating material and into the stainless steel core which provides a strong base for the seal to seat into and breaks the potential leak path that is inherent in glass laminate materials. Spring-energized Teflon internal face seals are installed in the dovetail shape seal grooves to provide a reliable sealing.

Our flange insulation kits are NACE MR0175 & NACE SP0286 compliance.



Advantages and Benefits

Extremely high-reliability sealing and insulating solution for all critical services. It seals and insulates at all pressures classed including API 15000 psi service.

- Seals and insulates at all pressures classed including API 5000 psi service
- Withstands severe service conditions including large bending moments, vibration, temperature and pressure cycling
- Designed to withstand corrosive environments, including high concentrations of CO₂, H₂S, produced water, etc.
- Outstanding insulation properties for cathodic protection
- Pressure-activated seals provide high confidence sealing and eliminate costly leaks
- Gasket is sized to the bore to protect flange faces from media-induced corrosion and flow-induced erosion
- Prevents turbulent flow at flanged connections
- Mitigates galvanic corrosion in dissimilar metal flanges
- Available to match any flange specification (ANSI, API, MSSP, BS, DIN, AS, others)
- Can mate mismatched RTJ with raised-face flanges
- Can be used in place of RTJ or BX rings



Stainless steel core

The standard stainless steel core is 316. Special materials such as duplex stainless steel, Inconel stainless steel can be made according to the requirements.

Glass-reinforced epoxy

The standard glass-reinforced epoxy material is NAME G10; G11 is available when the temperature requirement is higher.

	G10 Bonded	G11 Bonded
Dielectric strength Volts/Mill	550	550
Compressive strength psi	65000	50000
Water absorption %	0.005	0.085
Flexural strength psi	65000	60000
Tensile strength psi	65000	45000
Operating temp°F	-200 to +320	-50 to +392
Operating temp°C	-128 to +150	-45 to +202

Seal

The standard sealing material is Spring-energized Teflon which suitable for most of working conditions. Meanwhile, the other materials like VITON also available.

	Nitrile	Viton	Teflon
Operating temp°s	-40 to +250	-20 to +350	-320 to +450
Operating temp°s	-40 to +121	-29 to +177	-196 to +232

Sleeve Material

Phenolic, Mylar, G7 Silicone Glass, G10 Epoxy Glass, G11 Epoxy Glass

Sleeves easily fit over standard size flange bolts within standard size bolt holes. They are available for standard American bolts sizes, custom sizes can be made. Also available are one-piece integral sleeves and washers which provide superior compression strength. Integral sleeves are available sizes through 1-1/2”.

	Mylar	Nomex	G7 Silicone Glass	G-10 Epoxy Glass	G-11 Epoxy Glass
Dielectric strength Volts/Mil	4000	400	350	550	550
Water absorption %	0.8	N/A	0.1	0.1	0.1
Operating temp %	-79 to +300	-65 to +450	-320 to +450	-200 to +302	-50 to +392
Operating temp° C	-59 to +149	-54 to +232	-196 to +232	-128 to +150	-45 to +202

Washer Material

insulating

Phenolic, G7 Silicone Glass, G10 Epoxy Glass, G11 Epoxy Glass

Standard thickness is 1/85”, Insulating washer are fit insulating sleeves in full range of bolts sizes.

	Plain Phenolic	G7 Silicone Glass	G-10 Epoxy Glass	G-11 Epoxy Glass
Dielectric strength Volts/Mil	500	350	550	550
Compressive strength psi	25000	40000	65000	50000
Water absorption %	1.6	0.07	0.1	0.1
Tensile strength psi	20000	25000	65000	43000
Operating temp° F	-65 to +220	-320 to +450	-200 to +320	-50 to +392
Operating temp° C	-54 to +104	-196 to +232	-128 to +150	-45 to +202

backup

the standard steel washers are plated carbon steel(ZPS) which has the same sizes with insulating washer. The stainless steel is available on request.

Available gasket type – E (6.35mm, 6.60mm & 7.80mm thickness)

Type “E” is a full-face gasket with same outer diameter as the flange and precision cut bolt holes. This design facilitates proper alignment of the gasket during installation. This assembly minimizes the ingress of conductive foreign matter between the portions of the flanges outside the raised face and reduces the risk of bridging.

Available gasket type – F (6.35mm, 6.60mm & 7.80mm thickness)

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 outer diameter of the gasket fit tightly into place, assuring a well centered position.

Size (NPS)	150#										
	RF		FF				Bolt Size	Washer		Sleeve	
	ID	OD	ID	OD	Hole Q'ty	Hole Size		B.C.D	Insul' Q'ty		Steel Q'ty
½	15.8	45.7	15.8	88.9	4	15.9	60.5	½	8	8	4
¾	20.9	55.2	20.9	98.6	4	15.9	69.9	½	8	8	4
1	26.7	64.8	26.7	108.0	4	15.9	79.2	½	8	8	4
1¼	35.1	74.3	35.1	117.3	4	15.9	88.9	½	8	8	4
1½	40.9	83.8	40.9	127.0	4	15.9	98.6	½	8	8	4
2	52.5	101.6	52.5	152.4	4	19.1	120.7	¾	8	8	4
2½	62.7	120.7	62.7	177.8	4	19.1	139.7	¾	8	8	4
3	77.9	133.4	77.9	190.5	4	19.1	152.4	¾	8	8	4
3½	90.1	158.8	90.1	215.9	8	19.1	177.8	¾	16	16	8
4	102.3	171.5	102.3	228.6	8	19.1	190.5	¾	16	16	8
5	128.2	193.7	128.2	254.0	8	22.2	215.9	¾	16	16	8
6	154.1	219.1	154.1	279.4	8	22.2	241.3	¾	16	16	8
8	202.7	276.2	202.7	342.9	8	22.2	298.5	¾	16	16	8
10	254.5	336.6	254.5	406.4	12	25.4	362.0	¾	24	24	12
12	304.8	406.4	304.8	482.6	12	25.4	431.8	¾	24	24	12
14	336.6	447.7	336.6	533.4	12	28.6	476.3	1	24	24	12
16	387.4	511.2	387.4	596.9	16	28.6	539.8	1	32	32	16
18	438.2	546.1	438.2	635.0	16	31.8	577.9	1½	32	32	16
20	489.0	603.3	489.0	698.5	20	31.8	635.0	1½	40	40	20
24	590.6	714.4	590.6	812.8	20	34.9	749.3	1¾	40	40	20

Size (NPS)	300#										
	RF		FF				Bolt Size	Washer		Sleeve	
	ID	OD	ID	OD	Hole Q'ty	Hole Size		B.C.D	Insul' Q'ty		Steel Q'ty
½	15.8	52.1	15.8	95.3	4	15.9	66.5	½	8	8	4
¾	20.9	64.8	20.9	117.3	4	19.1	82.6	¾	8	8	4
1	26.7	71.1	26.7	124.0	4	19.1	88.9	¾	8	8	4
1¼	35.1	80.6	35.1	133.4	4	19.1	98.6	¾	8	8	4
1½	40.9	93.3	40.9	155.4	4	22.2	114.3	¾	8	8	4
2	52.5	108.0	52.5	165.1	8	19.1	127.0	¾	16	16	8
2½	62.7	127.0	62.7	190.5	8	22.2	149.4	¾	16	16	8
3	77.9	146.1	77.9	209.6	8	22.2	168.1	¾	16	16	8
3½	90.1	161.9	90.1	228.6	8	22.2	184.2	¾	16	16	8
4	102.3	177.8	102.3	254.0	8	22.2	200.2	¾	16	16	8
5	128.2	212.7	128.2	279.4	8	22.2	235.0	¾	16	16	8
6	154.1	247.7	154.1	317.5	12	22.2	269.7	¾	24	24	12
8	202.7	304.8	202.7	381.0	12	25.4	330.2	¾	24	24	12
10	254.5	358.8	254.5	444.5	16	28.6	387.4	1	32	32	16
12	304.8	419.1	304.8	520.7	16	31.8	450.9	1½	32	32	16
14	336.6	482.6	336.6	584.2	20	31.8	514.4	1½	40	40	20
16	387.4	536.6	387.4	647.7	20	34.9	571.5	1½	40	40	20
18	438.2	593.7	438.2	711.2	24	34.9	628.7	1½	48	48	24
20	489.0	650.9	489.0	774.7	24	34.9	685.8	1½	48	48	24
24	590.6	771.5	590.6	914.4	24	41.3	812.8	1½	48	48	24

Size (NPS)	600#										
	RF		FF				Bolt Size	Washer		Sleeve	Q'ty
	ID	OD	ID	OD	Hole Q'ty	Hole Size		Insul' Q'ty	Steel Q'ty		
½	15.8	52.1	15.8	95.3	4	15.9	66.5	½	8	8	4
¾	20.9	64.8	20.9	117.3	4	19.1	82.6	¾	8	8	4
1	26.7	71.1	26.7	124.0	4	19.1	88.9	¾	8	8	4
1¼	35.1	80.6	35.1	123.4	4	19.1	98.6	¾	8	8	4
1½	40.9	93.3	40.9	155.4	4	22.2	114.3	¾	8	8	4
2	52.5	108.0	52.5	165.1	8	19.1	127.0	¾	16	16	8
2½	62.7	127.0	62.7	190.5	8	22.2	149.4	¾	16	16	8
3	77.9	146.1	77.9	209.6	8	22.2	168.1	¾	16	16	8
3½	90.1	158.8	90.1	228.6	8	25.4	184.2	¾	16	16	8
4	102.3	190.5	102.3	273.1	8	25.4	215.9	¾	16	16	8
5	128.2	238.1	128.2	330.2	8	28.6	266.7	1	16	16	8
6	154.1	263.5	154.1	355.6	12	28.6	292.1	1	24	24	12
8	202.7	317.5	202.7	419.1	12	31.8	349.3	1½	24	24	12
10	254.5	396.9	254.5	508.0	16	34.9	431.8	1½	32	32	16
12	304.8	454.0	304.8	558.8	20	34.9	489.0	1½	40	40	20
14	336.6	489.0	336.6	603.3	20	38.1	527.1	1¾	40	40	20
16	387.4	562.0	387.4	685.8	20	41.3	603.3	1½	40	40	20
18	438.2	609.6	438.2	743.0	20	44.5	654.1	1½	40	40	20
20	489.0	679.5	489.0	812.8	24	44.5	723.9	1½	48	48	24
24	590.6	787.4	590.6	939.8	24	50.8	838.2	1¾	48	48	24

Size (NPS)	900#										
	RF		FF				Bolt Size	Washer		Sleeve	Q'ty
	ID	OD	ID	OD	Hole Q'ty	Hole Size		Insul' Q'ty	Steel Q'ty		
½	15.8	61.6	15.8	120.7	4	22.2	82.6	¾	8	8	4
¾	20.9	67.9	20.9	130.0	4	22.2	88.9	¾	8	8	4
1	26.7	77.5	26.7	149.4	4	25.4	101.6	¾	8	8	4
1¼	35.1	87.0	35.1	158.5	4	25.4	111.3	¾	8	8	4
1½	40.9	96.5	40.9	177.8	4	28.6	124.0	1	8	8	4
2	52.5	139.7	52.5	215.9	4	25.4	165.1	¾	8	8	4
2½	62.7	161.9	62.7	244.3	8	31.8	190.5	1	16	16	8
3	77.9	165.1	77.9	241.3	8	34.9	190.5	¾	16	16	8
4	102.3	203.2	102.3	292.1	8	31.8	235.0	1½	16	16	8
5	128.2	244.5	128.2	349.3	8	34.9	279.4	1¼	16	16	8
6	154.1	285.8	154.1	381.0	12	31.8	317.5	1½	24	24	12
8	202.7	355.6	202.7	469.9	12	38.1	393.7	1¾	24	24	12
10	254.5	431.8	254.5	546.1	16	38.1	469.9	1¾	32	32	16
12	304.8	495.3	304.8	609.6	20	38.1	533.4	1¾	40	40	20
14	336.6	517.5	336.6	641.4	20	41.3	558.8	1½	40	40	20
16	387.4	571.5	387.4	704.9	20	44.5	616.0	1½	40	40	20
18	438.2	635.0	438.2	787.4	20	50.8	685.8	1¾	40	40	20
20	489.0	695.3	489.0	857.3	20	54.0	749.3	2	40	40	20
24	590.6	835.0	590.6	1041.4	20	66.7	901.7	2½	40	40	20

Size (NPS)	1500#										
	RF		FF				Bolt Size	Washer		Sleeve	Q'ty
	ID	OD	ID	OD	Hole Q'ty	Hole Size		Insul' Q'ty	Steel Q'ty		
½	15.8	61.6	15.8	120.7	4	22.2	82.6	¾	8	8	4
¾	20.9	67.9	20.9	130.0	4	22.2	88.9	¾	8	8	4
1	26.7	77.5	26.7	149.4	4	25.4	101.6	¾	8	8	4
1¼	35.1	87.0	35.1	158.5	4	25.4	111.3	¾	8	8	4
1½	40.9	96.5	40.9	177.8	4	28.6	124.0	1	8	8	4
2	52.5	139.7	52.5	215.9	8	25.4	165.1	¾	16	16	8
2½	62.7	161.9	62.7	244.3	8	28.6	190.5	1	16	16	8
3	77.9	171.5	77.9	266.7	8	31.8	203.2	1½	16	16	8
4	102.3	206.4	102.3	311.2	8	34.9	241.3	1½	16	16	8
5	128.2	250.8	128.2	374.7	8	41.3	292.1	1½	16	16	8
6	154.1	279.4	154.1	393.7	12	31.8	317.5	1¾	24	24	12
8	202.7	349.3	202.7	482.6	12	44.5	393.7	1½	24	24	12
10	254.5	431.8	254.5	584.2	12	50.8	482.6	1¾	24	24	12
12	304.8	517.5	304.8	673.1	16	54.0	571.5	2	32	32	16
14	336.6	574.7	336.6	749.3	16	60.3	635.0	2¼	32	32	16
16	387.4	638.2	387.4	825.5	16	66.7	704.9	2½	32	32	16
18	438.2	701.7	438.2	914.4	16	73.0	774.7	2¾	32	32	16
20	489.0	752.5	489.0	984.3	16	79.4	831.9	3	32	32	16
24	590.6	898.5	590.6	1168.4	16	92.1	990.6	3½	32	32	16

Size (NPS)	2500#										
	RF		FF				Bolt Size	Washer		Sleeve	Q'ty
	ID	OD	ID	OD	Hole Q'ty	Hole Size		Insul' Q'ty	Steel Q'ty		
½	15.8	67.9	15.8	133.4	4	22.2	88.9	¾	8	8	4
¾	20.9	74.3	20.9	139.7	4	22.2	95.3	¾	8	8	4
1	26.7	83.8	26.7	158.8	4	25.4	108.0	¾	8	8	4
1¼	35.1	102.9	35.1	184.2	4	28.6	130.0	1	8	8	4
1½	40.9	115.6	40.9	203.2	4	31.8	146.1	1½	8	8	4
2	52.5	142.9	52.5	235.0	8	28.6	171.5	1	16	16	8
2½	62.7	165.1	62.7	266.7	8	28.6	196.9	1½	16	16	8
3	77.9	193.7	77.9	304.8	8	34.9	228.6	1¼	16	16	8
4	102.3	231.8	102.3	355.6	8	41.3	273.1	1½	16	16	8
5	128.2	276.2	128.2	419.1	8	47.6	323.9	1¾	16	16	8
6	154.1	314.3	154.1	482.6	8	54.0	368.3	2	16	16	8
8	202.7	384.2	202.7	552.5	12	54.0	438.2	2	24	24	12
10	254.5	473.1	254.5	673.1	12	66.7	539.8	2½	24	24	12
12	304.8	546.1	304.8	762.0	12	73.0	619.3	2¾	24	24	12

The torque range for our T-seal insulation gasket is large. Due to the design of seal, it reaches low stress function and reduces the risk during installation and operation. The recommended value in the previous table might too low because the installation on site is not precise, we can put a higher safety range than the recommend value. Not to mention, we completed a new torque table for T-seal Gaskets, Please find it below:

Bolt Torque Table for T-seal Insulation Gaskets - ASME B16.5 (N-m)																					
Gasket Size (Inch)	1 500 #			3 000 #			4 000 #			6 000 #			9 000 #			1 5000 #			2 5000 #		
	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.
1/2	43	64	96	43	64	96	43	64	96	43	64	96	64	96	145	64	96	145	79	119	178
3/4	44	66	99	79	119	178	79	119	178	79	119	178	95	143	214	95	143	214	115	172	258
1	44	66	99	89	133	199	89	133	199	89	133	199	144	216	324	144	216	324	173	260	390
1 1/4	44	66	99	89	133	199	89	133	199	89	133	199	224	336	504	224	336	504	298	447	670
1 1/2	44	66	99	159	239	358	159	239	358	159	239	358	340	510	766	340	510	766	439	659	989
2	89	133	199	89	133	199	89	133	199	89	133	199	241	361	541	241	361	541	309	464	696
2 1/2	89	133	199	159	239	358	159	239	358	159	239	358	320	480	721	320	480	721	416	624	935
3	89	133	199	159	239	358	159	239	358	159	239	358	258	387	580	575	863	1295	662	993	1489
3 1/2	89	133	199	159	239	358	258	387	580	258	387	580	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	89	133	199	159	239	358	258	387	580	258	387	580	575	863	1295	816	1225	1837	1117	1675	2512
5	159	239	358	159	239	358	258	387	580	387	581	871	816	1225	1837	1423	2135	3203	1661	2491	3736
6	159	239	358	159	239	358	258	387	580	387	581	871	575	863	1295	1090	1635	2453	2487	3731	5352
8	159	239	358	258	387	580	387	581	871	575	863	1295	1117	1675	2512	1744	2616	3924	2572	3858	4830
10	258	387	580	387	581	871	575	863	1295	816	1225	1837	1117	1675	2512	2511	3766	5650	4940	7410	7533
12	258	387	580	575	863	1295	816	1225	1837	816	1225	1837	1117	1675	2512	2682	4024	6035	7065	10597	11065
14	387	581	871	575	863	1295	816	1225	1837	1117	1675	2512	1468	2201	3302	3293	4940	7409	N/A	N/A	N/A
16	387	581	871	816	1225	1837	1117	1675	2512	1482	2223	3334	1919	2879	4319	4609	6914	10371	N/A	N/A	N/A
18	575	863	1295	816	1225	1837	1117	1675	2512	1919	2879	4319	3036	4554	6831	6767	10150	15225	N/A	N/A	N/A
20	575	863	1295	816	1225	1837	1482	2223	3334	1919	2879	4319	3689	5534	8301	8261	12391	18522	N/A	N/A	N/A
22	816	1225	1837	1482	2223	3334	1919	2879	4319	2435	3652	5479	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	816	1225	1837	1482	2223	3334	2435	3652	5479	3036	4554	6831	5892	8838	13257	13499	20248	28030	N/A	N/A	N/A

Bolt Torque Table for T-seal Insulation Gaskets - ASME B16.5 (ft-lbs)																					
Gasket Size (Inch)	1 500 #			3 000 #			4 000 #			6 000 #			9 000 #			1 5000 #			2 5000 #		
	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.
1/2	32	47	71	32	47	71	32	47	71	32	47	71	47	71	107	47	71	107	59	88	132
3/4	33	49	73	59	88	132	59	88	132	59	88	132	70	105	158	70	105	158	85	127	190
1	33	49	73	65	98	147	65	98	147	65	98	147	106	159	239	106	159	239	128	192	288
1 1/4	33	49	73	65	98	147	65	98	147	65	98	147	165	248	372	165	248	372	220	330	495
1 1/2	33	49	73	117	176	264	117	176	264	117	176	264	251	377	565	251	377	565	324	486	730
2	65	98	147	65	98	147	65	98	147	65	98	147	178	266	399	178	266	399	228	342	514
2 1/2	65	98	147	117	176	264	117	176	264	117	176	264	236	355	532	236	355	532	307	460	690
3	65	98	147	117	176	264	117	176	264	117	176	264	190	286	428	425	637	956	489	733	1099
3 1/2	65	98	147	117	176	264	190	286	428	190	286	428	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	65	98	147	117	176	264	190	286	428	190	286	428	425	637	956	603	904	1356	824	1236	1854
5	117	176	264	117	176	264	190	286	428	286	429	643	603	904	1356	1051	1576	2364	1226	1838	2758
6	117	176	264	117	176	264	190	286	428	286	429	643	425	637	956	805	1207	1811	1836	2754	3950
8	117	176	264	190	286	428	286	429	643	425	637	956	824	1236	1854	1287	1931	2896	1898	2847	3565
10	190	286	428	286	429	643	425	637	956	603	904	1356	824	1236	1854	1853	2780	4170	3646	5469	5560
12	190	286	428	425	637	956	603	904	1356	603	904	1356	824	1236	1854	1980	2970	4454	5214	7822	8167
14	286	429	643	425	637	956	603	904	1356	824	1236	1854	1083	1625	2437	2431	3646	5469	N/A	N/A	N/A
16	286	429	643	603	904	1356	824	1236	1854	1094	1640	2461	1417	2125	3187	3402	5103	7655	N/A	N/A	N/A
18	425	637	956	603	904	1356	824	1236	1854	1417	2125	3187	2241	3361	5042	4994	7491	11237	N/A	N/A	N/A
20	425	637	956	603	904	1356	1094	1640	2461	1417	2125	3187	2723	4084	6126	6097	9145	13671	N/A	N/A	N/A
22	603	904	1356	1094	1640	2461	1417	2125	3187	1797	2696	4043	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	603	904	1356	1094	1640	2461	1797	2696	4043	2241	3361	5042	4349	6523	9785	9963	14944	20688	N/A	N/A	N/A

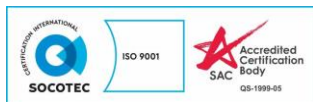
- Note:
1. The calculation is based on MANDATORY APPENDIX 2 of ASME BPVC-VIII-1 and APPENDIX O of ASME PCC-1.
 2. Gasket factor m=0.25, minimum design seating stress y=17.25MPa for spring energized PTFE seal.
 3. Fraction of gasket load remaining after relaxation is 0.97.
 4. Nut factor (coefficient of friction plus 0.04) is 0.2.
 5. The calculation is based on new bolts (ASTM A193 GR B7).

Bolt Torque Table for T-seal Insulation Gaskets - ASME B16.47A
(N·m)

Gasket Size (Inch)	150#			300#			400#			600#			900#		
	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.	Min.	Recommended	Max.
26	281	678	2771	782	1491	6080	1145	2034	7314	1985	2712	8673	5557	8026	21367
28	279	678	2771	907	1491	6080	1424	2712	8673	2456	3275	10766	7035	10465	25017
30	323	678	2771	1131	2034	7314	1758	2983	10766	2843	3791	10766	8142	10856	27609
32	438	1085	4672	1368	2712	8673	1985	2983	10766	3612	4816	15162	9961	13282	34567
34	433	1085	4672	1545	2712	8673	2241	2989	10766	4079	5439	15162	12114	16152	39445
36	484	1085	4672	1614	2983	10766	2195	2983	10766	5072	6762	20617	13555	18074	44275
38	536	1085	4672	1341	1787	4672	2127	2836	7314	5056	6741	15162	15015	20020	55402
40	528	1085	4672	1610	2147	6080	2527	3369	8673	4905	6540	15162	13873	18497	55292
42	583	1085	4672	1776	2368	6080	2787	3717	8673	6871	9161	20617	15304	20405	55402
44	576	1085	4672	2101	2801	7314	3265	4353	10766	6602	8803	20617	18005	24007	67367
46	629	1085	4672	2808	3744	8673	3168	4224	10766	7207	9609	20617	20965	27954	81480
48	623	1085	4672	2677	3569	8673	4992	6656	15162	8636	11515	27243	22840	30453	82090

Compressive Strength Test Report

Product Name	G10		Lot's No.	A200228.01
Date	26.03.2020		Report No.	LT-TR-CS-200326.01
Test Procedure	LT/WI-49		Test Standard	ASTM D695
Electro-mechanical Universal Testing Machine Asset No.	IT-80		Calibrate Date	09.10.2019
Electro-mechanical Universal Testing Machine Model	UTM5105X		Test Humidity (%)	52
Test Speed (mm/min)	1.3		Test Temperature (°C)	23.3
Sample No.	Sample Length (mm)	Sample Width (mm)	Sample Height (mm)	Compressive Strength (psi)
1	12.70	12.68	3.38	68109
2	12.66	12.76	3.36	65496
3	12.66	12.62	3.38	65110
4	12.60	12.70	3.34	69929
Average				67161



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