Energizer™ Gaskets

CTG

Our customers demand innovation. That is why, despite having the finest low-torque gasket available, we set out to make it even better. The new CTG Energizer™ Gasket uses a "no-seam" shield to provide the thickest protection on the market. For highly demanding applications, we offer gaskets with a TFM® shield. Not familiar with the fantastic permeation and compression properties of TFM®? Give us a call, and we'll help you choose the best Energizer™ Gasket for your application. For the finest low-torque gasket created, look no further than CTG.

We can help you choose the best gasket for your application

Features

- Non-asbestos construction
- 65 to 75 Durometer elastomer body
- 100% pure virgin TFM® or PTFE sealing surface
- Sealing surface totally bonded to body
- Seamless sealing surface
- Thickest available TFM® or PTFE shield without sacrificing compression set properties
- Typical compression set values of 15% or better
- Minimal torque required to seal
- Can be supplied with or without ribs
- Your choice of construction material

CTG Energizer™

Our Competitors

Energizer™ gaskets provide the thickest protection on the market

Applications

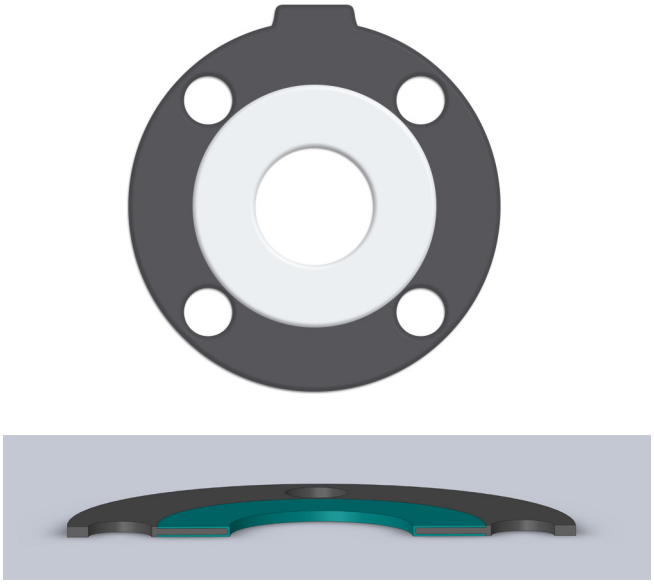
- Designed specifically for FRP and plastic piping systems
- Suitable for temperatures between -40°F and 300°F
- Available in standard sizes from ½ in. to 36 in.

Benefits

- Longest lasting, continuous use gasket on the market
- Will not come apart at the inside seam
- Sealing surface material permanently bonded to gasket body

The Energizer™ Gasket is available in non-ribbed and ribbed styles.

NRT Energizer™ (non-ribbed)



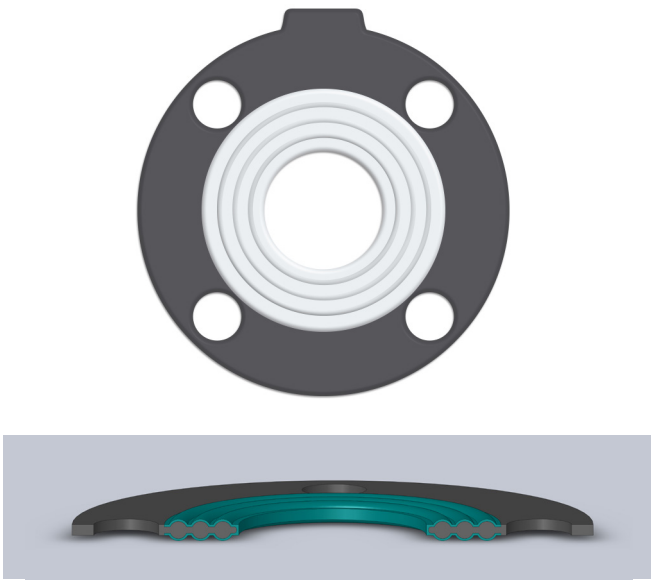
Features

- Will not interfere with raised (serrated) portion of flange
- Can be used on fiberglass or steel/stainless steel flanges using typical steel bolt torque loadings for raised or flat-face metal flanges

Flange Types

- Cast and ductile iron
- CPVC, PVC
- Fibercast FRP
- Machine-made FRP
- Press-molded FRP
- PVDF
- Serrated or ribbed steel

ET Energizer™ (ribbed)



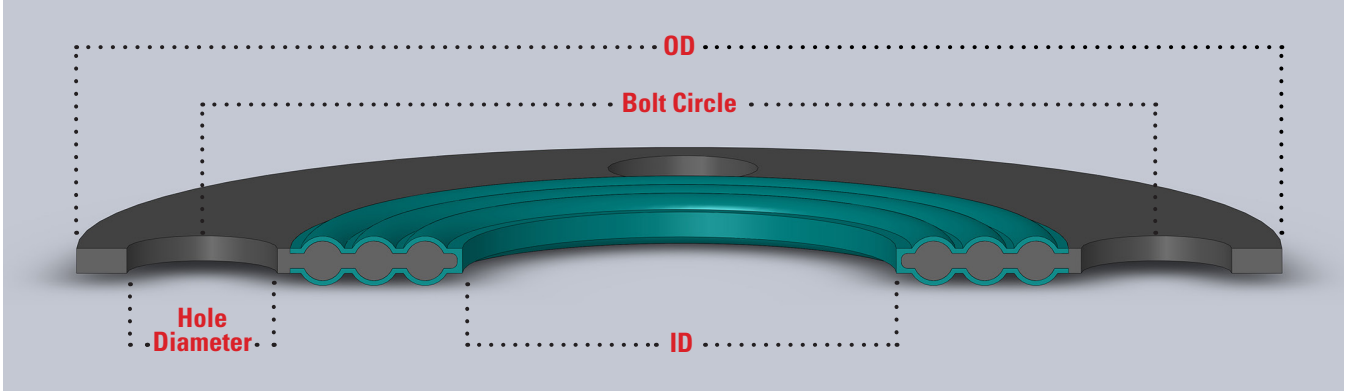
Features

- Three sealing ribs (If diameter is less than 2 in., it only has two ribs.)
- Increased shield thickness for maximum protection
- Available in both new and old standard sizes

Flange Types

- Contact-molded FRP
- Flat-faced
- No ribs or serrations
- Hand lay-up FRP

Specifications



All measurements in the following table are in inches.

Size	Part Number	Dimensions				Number of Bolt Holes	Torque Values, ft-lb	
		ID	OD	Bolt Circle	Hole Diameter		Steel Flanges	Dual/FRP Flanges
½	CTG100100	0.71	3.50	2.38	0.62	4	15-25	15
¾	CTG100101	0.86	3.88	2.75	0.62	4	15-25	15
1	CTG100102	1.16	4.25	3.125	0.62	4	15-25	15
1¼	CTG100103	1.25	4.63	3.50	0.62	4	15-30	15
1½	CTG100104	1.72	5.00	3.875	0.62	4	15-30	15
2	CTG100105	2.16	6.00	4.75	0.75	4	25-50	25
2½	CTG100106	2.50	7.00	5.50	0.75	4	25-80	25
3	CTG100107	3.15	7.50	6.00	0.75	4	25-80	25
3½	CTG100108	3.46	8.50	7.00	0.75	8	25-80	25
4	CTG100109	4.06	9.00	7.50	0.75	8	30-55	30
5	CTG100120	4.97	10.00	8.50	0.88	8	30-80	30
6	CTG100110	6.14	11.00	9.50	0.88	8	30-80	30
8	CTG100111	8.10	13.50	11.75	0.88	8	40-120	40
10	CTG100112	10.13	16.00	14.50	1.00	12	40-115	40
12*	CTG100113	12.22	19.00	17.00	1.00	12	40-155	45
14*	CTG100114	13.87	21.00	18.75	1.12	12	50-235	50
16*	CTG100115	15.81	23.50	21.25	1.12	16	50-210	50
18*	CTG100116	17.90	25.00	22.75	1.25	16	50-210	50
20*	CTG100117	19.96	27.50	25.00	1.25	20	60-220	60
24*	CTG100119	23.94	32.00	29.50	1.37	20	65-300	65
26**	CTG106485	26.00	34.25	31.75	1.38	24	70-350	70
28**	CTG106486	28.00	36.50	34″	1.38	28	80-400	80
30**	CTG106487	30.00	38.75	36″	1.38	28	95-475	95
32**	CTG106663	32.00	41.75	38.5″	1.62	28	105-495	105
34**	CTG106488	34.00	43.75	40.5″	1.62	32	115-525	115
36**	CTG106892	36.00	46.00	42.75″	1.62	32	135-575	135

* Gaskets larger than 12 in. with TFM shields are available by request.

** PTFE gaskets larger than 24 in. are available by request.

CTG makes Energizer™ Gaskets from the following materials:

- Aflas®
- Viton® A
- Butyl
- Viton® B
- EPDM
- Viton® GF
- Nitrile
- Viton® Extreme™

ET-style Energizer™ Gaskets are also available in 100% elastomer, or with an EPDM filler and a PTFE shield.

To discuss your application, give us a call!

CTG

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