



## AMERICAN Toruseal® Flange Gasket Submittal Sheet

- Dual-bulb design provides positive sealing for ductile iron-flanged piping.
- Available in 2" - 64" diameters.
- All Toruseal® gaskets are 1/8" thick.
- Available in SBR, EPDM, Nitrile, Neoprene, and FKM.
- All SBR, EPDM, Nitrile, and FKM gaskets are NSF-61 certified.
- Full face design ensures ready field assembly and precise placement.
- Superior to conventional full-face or ring gaskets.
- Ideal for general purpose use, as well as rigorous use such as long-span installations.
- Rated for 350 psi water working pressure, 250 psi for 30" and larger.
- Toruseal® gaskets are manufactured in accordance with ANSI/AWWA C111/A21.11 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.
- Gaskets are manufactured in the USA under strict quality control procedures governed by ISO 9001:2015.

### Approximate Bolt Torque & Weight

Pipe Size (in)	Pressure Rating* (psi)	Gasket Weight (lbs.)	Aprox. Bolt Torque** (ft-lbs.)
2	350	0.2	100
3	350	0.2	100
4	350	0.3	100
6	350	0.4	150
8	350	0.5	150
10	350	0.8	200
12	350	1.0	200
14	350	1.1	250
16	350	1.3	250
18	350	1.3	300
20	350	1.5	300
24	350	1.8	400
30	250	2.4	400
36	250	2.7	500
42	250	4.6	500
48	250	5.8	500
54	250	6.8	600
60	250	8.0	600
64	250	12.5	600

\* Clean flange faces and faced pipe ends thoroughly prior to installation. Do not use joint or gasket compounds with Toruseal® gaskets (assemble joints dry).

\* The pressure rating designated is the maximum water working pressure and is based on the maximum rating of C110, C115, or C153 flanges. AMERICAN Toruseal® gaskets meet the description of "specially designed gaskets" shown in the appendices of AWWA C110, C111, and C115, and "special gaskets" shown in the body of AWWA C111.

\* Bolt torque is applicable only to joints with Toruseal® gaskets.

\* The 64" Toruseal® gasket contains an additional torus to accommodate bolting a 64" C115 or C153 flange to a standard 66" flange.

\* AMERICAN Toruseal® gaskets are generally black and furnished with SBR rubber per ANSI/AWWA C111/A21.11. This rubber compound is NSF-61 certified for contact with potable water and is otherwise physically superior to red rubber, sometimes used with flanged joints. Other types of rubber are available on special order.

