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Product	Sizes Available	SBR	EPDM	Neo	NBR	FKM
Barracuda® Push-on Restrained Joint gasket (SBR, EPDM, Nitrile in Safety Orange) – Designed for Tyton® Joint push-on ductile iron pipe, valve and fittings	4" – 16"	Cert	Cert		Cert	Cert
Tyton® Push-On Gaskets	3" – 48" <sup>1</sup>	Cert	Cert		Cert	Cert
MJ Gaskets	2" – 64"	Cert	Cert		Cert	Cert
MJ X IPS Transition Gaskets	2" – 12" (larger sizes available – call for pricing, availability and NSF certification)	Cert	Cert		Cert	Cert
AMERICAN Toruseal® Flange Gaskets (Non-Segmented)	2" – 64" <sup>1</sup>	Cert	Cert		Cert	Cert
Raised Bead Flange Ring Style Gaskets (Non-Segmented)	2" – 64" <sup>1</sup>	Cert	Cert		Cert	Cert
Full Face Flat and Flat Ring Style Gaskets – NSF	2" – 30" (Non-Segmented) Larger sizes available in segments		Cert			
Filler Flange Flat Gaskets - NSF	¼" Thick: 4" – 12" ½" Thick: 4" – 12" Larger sizes available upon request.		Cert			
MeterSeal™ Meter Gaskets– Oval and Drop-in made from NSF certified material	2" currently available.					
Meter Gaskets– Oval and Drop-in made from NSF certified material	2" currently available in EPDM only. Other sizes available upon request.					
Accessory Packs	Imported and Domestic (Call for pricing and availability)	N/A	N/A	N/A	N/A	N/A

<sup>1</sup> - Minimum order quantities may apply for 30" and larger sizes in all polymer types

Tyton® is a registered trademark of US Pipe and Foundry Company, LLC (U.S. Pipe). Specification Rubber Products, Inc. or Barracuda® is not affiliated with US Pipe.

Toruseal® is a registered trade mark of AMERICAN Cast Iron Pipe Company.



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## Gaskets for Ductile Iron Pipe, Valves and Fittings: Common Uses

Polymer <sup>1</sup>	Common Uses	Maximum Temperature Ratings		
		Water and Sewage		Air <sup>2 3</sup>
		Push-on, MJ & Toruseal®	Push-on, MJ, Toruseal®	
SBR	Fresh water, salt water, storm water, sanitary sewage.	150° F	150° F	125° F
EPDM	Fresh water, salt water, storm water, sanitary sewage, vegetable oil, elevated temperatures, dilute acids, dilute alkalis, ketones (MEK, acetone), alcohol.	212° F	200° F	150° F
Neoprene	Fresh water, salt water, storm water, sanitary sewage, greasy waste.	200° F	180° F	150° F
Nitrile	Fresh water, salt water, storm water, sanitary sewage, refined petroleum oils and fluids, fats, greases. While Nitrile is resistant to deterioration it is not impermeable to low molecular weight petroleum products and FKM should be considered as an alternate in some cases.	150° F	150° F	125° F
FKM	Fresh water, salt water, storm water, sanitary sewage, most chemicals and solvents, aromatic hydrocarbons and fuels, chlorinated hydrocarbons, high temperatures. Due to its excellent permeation resistance, FKM is normally specified for potable water lines in areas saturated with low molecular weight petroleum products.	212° F	300° F	300° F

1 Specification Rubber reserves the right to furnish any trade or brand name rubber for the chemical formulation specified.

2 Lubricating oil in the air will adversely affect SBR and EPDM performance.

3 SBR, Nitrile, or Neoprene is not recommended for air exposure in wastewater treatment systems.

Temperatures above the recommended maximums can be tolerated for short periods without immediate deterioration. However, the life expectancy will be shortened as the time at elevated temperatures are increased.

Since there are so many application variables outside our control or knowledge, we cannot offer any specific life expectancy for gaskets.

*The information in this certificate is being provided for informational purposes only and to clarify certain information concerning Specification Rubber products. Nothing provided in this certificate shall be construed as a representation or warranty by Specification Rubber, or a modification of any of the terms and conditions of sale agreed to between Specification Rubber and its customers.*

Regardless of the type polymer used, Specification Rubber Products produces all gaskets to meet the requirements of ANSI/AWWA C111/A21.11 unless customer specifications require something different.



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# Barracuda® Gaskets

## Submittal Sheet

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- Specification Rubber's Barracuda® Gaskets instantly restrain ductile iron pipe, valves, and fittings having the TYTON® Joint.<sup>1</sup>
- Barracuda® Gaskets are suitable for water, wastewater, and other related applications.
- Barracuda® Gaskets are available with EPDM, SBR and Nitrile molded in **SAFETY ORANGE**. Neoprene and FKM are molded in black.
- Barracuda® Gaskets, when properly installed according to Specification Rubber's Assembly Instructions<sup>2</sup>, are rated up to 350 PSI and fully warranted by Specification Rubber Products.
- Gaskets available in 4" - 16".
- Barracuda® Gaskets, once properly installed, can be deflected up to 5°.
- Barracuda® Gaskets are manufactured in accordance with ANSI/AWWA C111/A21.11 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.
- All gaskets, except neoprene, are NSF-61 certified.
- All gaskets are manufactured in the U.S.A.

1- Tyton Joint® and Tyton® are registered trademarks and properties of United States Pipe and Foundry Company, LLC (U.S. Pipe). Neither Barracuda® nor Specification Rubber Products are affiliated with U.S. Pipe.

2- Assembly Instructions are provided with each Barracuda® Gasket.



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# AMERICAN TORUSEAL® FLANGE GASKET

SIZES 2"- 64", NOMINAL 1/8" THICKNESS FULL FACE RUBBER GASKET



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

\*Pressure rating designated is 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 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 normally black and furnished of 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 some- times used with flanged joints. Other types of rubber are available on special order.



- Positive sealing for ductile iron flanged piping.
- Full Face design - assures ready field assembly and precise placement. Superior to conventional full face or ring gaskets.
- Ideal for general purpose use, also rigorous usesuch as long-span installations.
- Rated for 350 psi water working pressure, 250 psi for 30" and larger.
- Available in SBR, EPDM, Nitrile, Neoprene, and FKM.
- SBR, EPDM, Nitrile and FKM certified to ANSI/NSF-61
- Meets ANSI/AWWA C111/A21.11
- Holes to match ANSI A21.10, A21.15 and B16.1 Class 125 flange drilling.
- For use with standard flange bolts.



## APPROXIMATE BOLT TORQUE AND 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



**Specification Rubber Products, Inc.**

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