

NUT, BOLT, GASKET KIT RED RUBBER & STAINLESS STEEL

Features

- For ANSI 150# Flanges
- Lengths for Joining Two Flanges*
- Red Rubber (Styrene-Butadiene or SBR) Gasket
- 304 & 316 Stainless Steel Hardware
- Hardware Finish: Material Finish
- Sizes: 3" to 16"

Standards

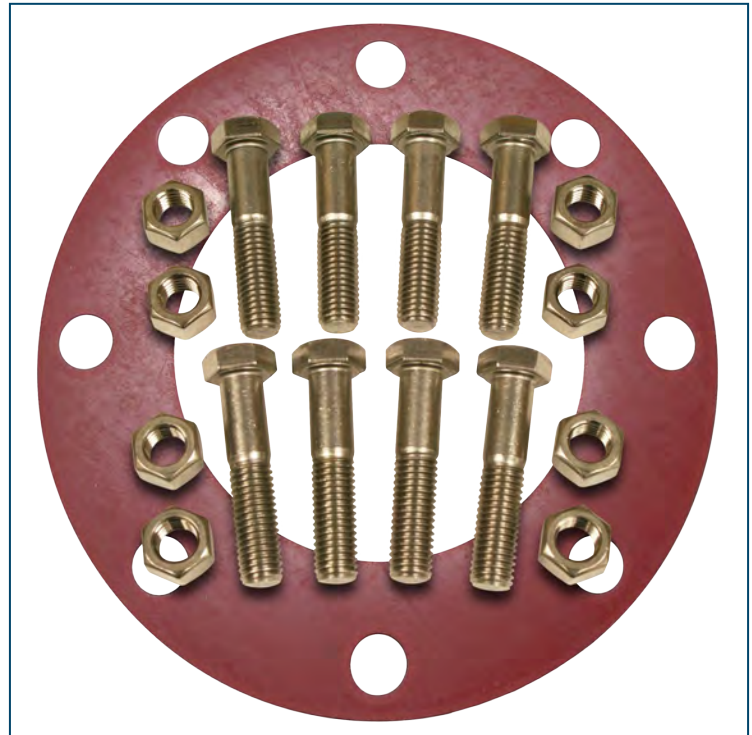
- Gaskets
 - Meets ASME B16.21 for 150# Gaskets
 - Dimensions: ASME B16.5
- Cap Screws
 - Material - ASTM F593 Grp 1 (304) or 2 (316)
 - Heat Treatment: Condition CW
 - Dimensions - ASME B18.2.1
 - Thread - Class 2A
- Nuts
 - Material - ASTM F594 Grp 1 (304) or 2 (316)
 - Dimensions - ASME B18.2.2
 - Thread - Class 2B

Properties**

- Gaskets
 - Max. Temperature: 170°F (77°C)
 - Min. Temperature: -20°F (-29°C)
 - Max. Pressure: 200 PSIG (13.8 Bar)
 - Max Pressure x Temperature (PxT) - 20,000 (°F x PSIG)
 - Durometer Hardness: 75 Shore A±5
 - Tensile: 400 PSI
 - Elongation: 150%
 - Compression Set (22 Hrs @ 158°F): 35%
 - Heat Aging (94 Hrs @ 158°F):
 - Change in Hardness: +5 Shore A
 - Change in Tensile: -15%
 - Change in Elongation: -35%
 - Finish: Smooth
- Cap Screws
 - Tensile - 100 to 150 KSI (5/8"), 85 to 140 KSI (3/4" to 1")
 - Hardness - B95 to C32 (5/8"), B80 to C32 (3/4" to 1")
 - Yield - 65 KSI (5/8"), 45 KSI (3/4" to 1")

* Based on 1/16" raised face and 1/8" gasket

** Gasket properties and application parameters shown on this data sheet are typical. Failure to select proper sealing products could result in property damage and/or serious personal injury.



Part Numbers, Quantities & Screw Sizes (inch)

Size	Part Number		Nut/ Screw Qty	Diameter	Bolt Length
	304 Stainless	316 Stainless			
3	FNWNBGS41RF8M	FNWNBGS61RF8M	4	5/8-11	3
4	FNWNBGS41RF8P	FNWNBGS61RF8P	8	5/8-11	3
6	FNWNBGS41RF8U	FNWNBGS61RF8U	8	3/4-10	3-1/4
8	FNWNBGS41RF8X	FNWNBGS61RF8X	8	3/4-10	3-1/2
10	FNWNBGS41RF810	FNWNBGS61RF810	12	7/8-9	4
12	FNWNBGS41RF812	FNWNBGS61RF812	12	7/8-9	4
14	FNWNBGS41RF814	FNWNBGS61RF814	12	1-8	4-1/2
16	FNWNBGS41RF816	FNWNBGS61RF816	16	1-8	4-1/2

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