



Pipe Flange Accessories

Bolt, Nut, and Gasket Sets

B-7 Studs, 2H Nut Sets

Butterfly Valve Sets

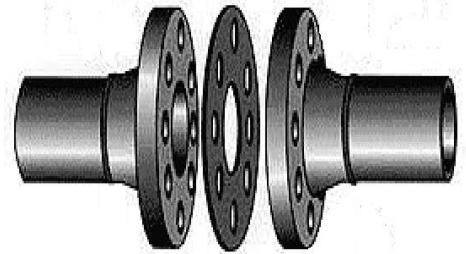
Insulating Kits and Parts

Bulk Gaskets, Fasteners, and Studs.





Whitney Flange Accessories
Toll Free 1-800-541-8004
Fax: 1-419-836-4140
Prices Effective 03-01-2018



NA1001 **Compressed Sheet with Aramid Fibers, NBR Binder**

Application:

Style NA1001 is a very good general service gasket material that has numerous applications in the process industries and in the water and wastewater industry. It is also commonly used in equipment such as valves and pumps. Style NA1001 is suitable for service handling the following general media categories:

- Mild inorganic acids
- Diluted alkalis
- Aliphatic solvents
- Synthetic oils
- General chemicals
- Mild organic acids
- Water
- Industrial gases
- Vegetable oils
- Neutral solutions
- Refrigerants
- Brine
- Vegetable oils
- Petroleum and Derivatives
- Air

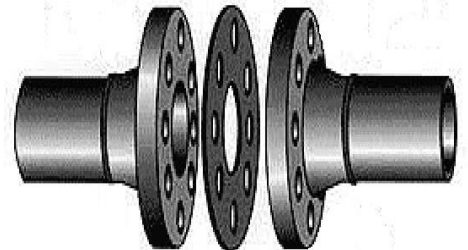
Style NA1001 is a compressed non-asbestos sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR). It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

Temperature	Continuous Service: 464° F (240°C)
	Maximum Service: 750° F (400°C)
Pressure	Continuous Service: 725 psi (50 bar)
	Maximum Service: 1595 psi (110 bar)
Color	Green - NA1001G
	Blue - NA1001BL
	White - NA1001W
ASTM Line Call Out F104	F712120E22M5

Density	109 lb/ft ³ (1.75 g/cm ³)
Compressibility - ASTM F36	7-17%
Recovery - ASTM F36	min 45%
Tensile Strength Across Grain - ASTM F38	1670psi (11.5 N/mm ²)
Ignition Loss - ASTM F495	max 34%
Thickness Increase - ASTM F146 - after 5hr	
ASTM IRM 903 @ 300 °F (150°C)	max 12%
ASTM Fuel B @ 77 °F (25°C)	max 10%



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Data Sheet Red Rubber

Red rubber sheet is general service SBR rubber compound. This heat resistant material is calendared and vulcanized under tight quality control standards. Red rubber is recommended for a wide range of gasketing need. It can easily be deformed under moderate bolt load to seal uneven or worn flanges. Due to the materials excellent recovery it can withstand flange movement without disrupting seal.

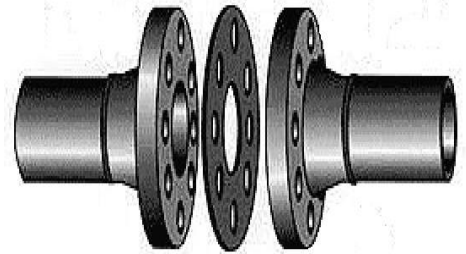
Red rubber has good chemical resistance to weak organic acids, alcohol, ketones and other moderate chemical compositions. It is not good for service handling ozone, strong acids, fats, oils, and most hydrocarbons.

Product Data/ Typical Physical Properties

Temperature Limits:	-20 F to 170 F
Color:	Red
Finish:	Smooth
Durometer:	70+/-5
Average Tensile:	700 PSI
Average Elongation:	200%
Specific Gravity:	1.70



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Flange Bolts or Studs – Boxed
Color labeled for easy identification

LIST

Pipe Size	Bolt/Hvy nut set Gr. 2 Zinc plated 150# (ZBN 150-size)	Bolt/Hvy nut set Gr. 2 Zinc plated 300# (ZBN 300-size)	B-7 Stud Set w/2H nuts 150# (#PST150-size)	B-7 Stud Set w/2H nuts 300# (#PST300-size)	B-7 Stud Set w/2H nuts 600# (#PST600-size)
1/2"	5.25	5.25	5.50	6.53	7.35
3/4"	5.25	7.20	5.50	10.25	10.75
1"	5.25	7.20	5.95	10.25	10.75
1-1/4"	5.25	7.20	5.95	10.25	10.75
1-1/2"	5.25	10.85	5.95	15.95	17.25
2"	7.65	14.60	9.35	21.27	21.85
2-1/2"	7.65	22.75	9.35	31.97	34.00
3"	7.95	22.75	9.75	31.97	34.00
4"	15.30	26.50	18.45	36.22	57.00
5"	24.40	26.50	28.45	36.22	57.00
6"	24.40	39.50	28.45	37.00	83.50
8"	24.40	63.00	28.45	73.62	193.00
10"	54.00	116.35	65.00	163.00	347.00
12"	54.40	163.70	65.00	235.00	429.00
14"	81.45	202.75	90.00	299.00	call
16"	106.80	293.00	125.00	399.00	call
18"	164.80	323.05	175.00	call	call
20"	209.85	323.05	215.00	call	call
24"	262.50	call	281.40	call	call
30"	call	call	call	call	call
36"	call	call	call	call	call
42"	call	call	call	call	call
48"	call	call	call	call	call

Bolt and Studs lengths are per a majority of domestic and foreign flange supplier suggestions.

Conforms to ANSI B16.5. Please let us know if you need to have specific sizes.

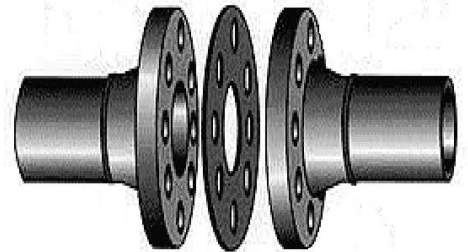
Bolts and studs can be purchased in bulk qty's.

WHITNEY packs are in heavy boxes per flange with case quantities of 20, 10, and 41. Private labeling available.

(Grade 5 bolt sets add 25% to list then discount)



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Flange packs with Gasket

(pizza box style with divider for gasket)

Color labeled for easy identification.

Sizes up to 12" listed. For sizes over 12" due to gasket size use bolt and nut set, plus gasket.

LIST

Pipe Size	150# Ring	Full Face	300# Ring
1/2"	6.30	6.55	6.30
3/4"	6.30	6.55	8.25
1"	6.30	6.55	8.35
1-1/4"	6.65	7.10	8.80
1-1/2"	6.65	7.30	12.45
2"	9.00	9.70	16.35
2-1/2"	9.50	10.65	24.90
3"	10.10	10.90	25.00
4"	18.25	19.70	28.60
5"	28.15	28.65	31.75
6"	28.80	29.65	44.00
8"	30.80	36.80	70.65
10"	66.65	70.85	128.05
12"	70.90	75.00	182.55

Part number schedule

Non asb. 1/16" - RING gasket (#FRN150/FRN300 - size),

Full Face gasket (#FFN150 - size)

Red Rubber (FRR6 1/16" ring)

#FRF8 (1/8" full face 150 size)

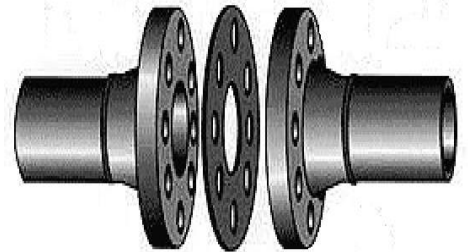
Example: FRF8150-02

Packs with **Grade 5** bolts add 25% to list then discount

(#FRN-Gr5-150/300 - size)



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PVC Flange Kits (sch. 80 or 40)

Includes longer zinc plated bolts for thicker plastic flanges,
Zinc plated washers for both flanges, Heavy hex nuts, and 1/8"
thick Buna-N black rubber, or Red Rubber Full Face
Gasket

LIST

Size	bolt length	list price
1"	1/2" x 2"	9.15
1 1/4"	1/2" x 2"	9.35
1 1/2"	1/2" x 2"	9.50
2"	5/8" x 3"	13.40
2 1/2"	5/8" x 3 1/2"	14.85
3"	5/8" x 3 1/2"	15.20
4"	5/8" x 3 1/2"	26.85
5"	3/4" x 4 1/2"	40.90
6"	3/4" x 4 1/2"	40.90
8"	3/4" x 4 1/2"	46.75
10"	7/8" x 5 1/2"	95.05
12"	7/8" x 5 1/2"	100.15

*** These are standard size bolt lengths based on some major manufacturers.

Please let us know if you need different sizes.

WE CAN SUPPLY STAINLESS STEEL BOLTS AND NUT SETS OR IN BULK!

(Due to fluctuating costs in the steel market we need to quote upon request.

Please let us know your needs)

Let us make your job easier!

Anything you need for you or your customer

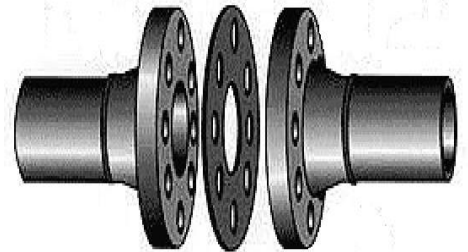
We will be happy to

Supply you with.

Thank you for your business!



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Butterfly valve bolt sets

LUG TYPE 150#

(Both sides of valve for both flanges, bolts only)

Part #BVLT-150-(size)

LIST

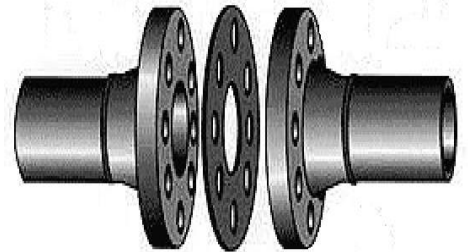
Size	150#	Bolt Size
2"	7.15	5/8 x 1 1/2
2 1/2"	7.15	5/8 x 1 1/2
3"	7.15	5/8 x 1 1/2
4"	13.85	5/8 x 1 3/4
5"	22.35	3/4 x 1 3/4
6"	23.65	3/4 x 2
8"	24.65	3/4 x 2 1/4
10"	55.25	7/8 x 2 1/4
12"	58.55	7/8 x 2 1/2
14"	105.80	1 x 2 3/4
16"	126.00	1 x 3
18"	159.50	1 1/8 x 3
20"	215.25	1 1/8 x 3 1/2
24"	290.45	1 1/4 x 4

CALL US WITH YOUR SPECIAL REQUIREMENTS.
WAFER STYLE butterfly valve 150#

2"	10.10	5/8 x 4 1/2
2 1/2"	10.10	5/8 x 4 1/2
3"	10.10	5/8 x 4 1/2
4"	20.05	5/8 x 5
5"	39.20	3/4 x 6
6"	39.20	3/4 x 6
8"	39.20	3/4 x 6
10"	76.15	7/8 x 7
12"	76.15	7/8 x 7
14"	call	1 x 8
16"	call	1 x 8
18"	call	1 1/8 x 10
20"	call	1 1/8 x 10
24"	call	1 1/4 x 11



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Non-Asbestos
Flange Bulk Gaskets

*****Determination of the suitability of material and use is the sole responsibility of the customer and/or end user*****

New ASME standards, exact measurements on request

Bolt holes according to ASME B16.21

LIST

Pipe Size	150# Ring	Full Face 150#	300# Ring	Full Face 300#
1/2"	0.25	1.00	0.40	1.95
3/4"	0.40	1.05	0.55	2.25
1"	0.50	1.25	0.70	3.40
1-1/4"	0.75	1.65	1.15	3.60
1-1/2"	0.80	1.85	2.00	4.00
2"	0.90	2.05	2.35	4.65
2-1/2"	1.30	2.70	2.40	5.45
3"	1.55	2.80	2.65	5.50
3 1/2"	1.70	3.00	2.75	5.60
4"	2.35	3.90	2.85	5.70
5"	3.40	4.85	4.10	7.25
6"	4.10	5.30	5.30	8.10
8"	5.60	9.05	8.45	10.80
10"	9.05	13.50	10.60	16.70
12"	12.60	17.65	17.45	27.40
14"	15.60	21.40	17.75	34.35
16"	24.90	31.05	29.25	40.60
18"	28.90	34.55	30.80	48.30
20"	35.55	40.75	39.75	56.00
24"	37.85	50.20	50.00	89.50
30"	call	call	call	call
36"	call	call	call	call
42"	call	call	call	call
48"	call	call	call	call

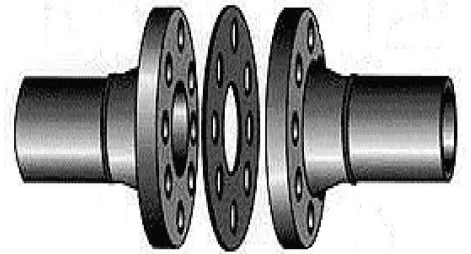
(above is 1/16", **CALL FOR 1/8" thick**)

Non Asbestos (#NR 150/300 - size) (NF for Full Face)

CALL for gasket materials not listed, special cuts, or high-volume items.



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Buna-N
Black Rubber

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New ASME standards, exact measurements on request

Bolt holes according to ASME B16.21

Full Face #BF8 150/300 - size)

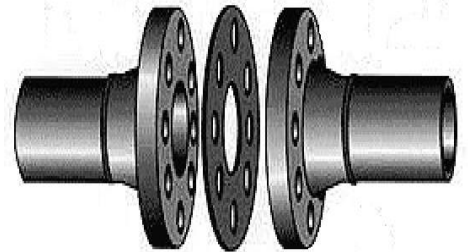
LIST

Pipe Size	Full Face 150#	Full Face 300#
1/2"	2.00	2.05
3/4"	2.10	2.40
1"	2.35	3.25
1-1/4"	2.50	3.40
1-1/2"	2.80	3.65
2"	3.40	4.25
2-1/2"	3.75	4.50
3"	5.10	6.00
3 1/2"	6.30	7.35
4"	6.90	7.75
5"	8.45	9.35
6"	9.30	10.40
8"	17.05	20.00
10"	21.00	23.40
12"	24.90	28.40

CALL for sizes bigger than listed or gasket materials not listed, special cuts, or high-volume items.



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**Red Rubber
 Flange Bulk Gaskets**

*****Determination of the suitability of material and use is the sole responsibility of the customer and/or end user*****

New ASME standards, exact measurements on request

Bolt holes according to ASME B16.21

LIST

Pipe Size	150# Ring	Full Face 150#	1/8" 150# Ring	1/8" 150# F.F.
1/2"	0.15	0.70	1.50	1.80
3/4"	0.20	0.75	1.55	1.90
1"	0.25	1.00	1.75	2.00
1-1/4"	0.65	1.25	1.80	2.10
1-1/2"	0.70	1.50	1.85	2.25
2"	0.85	1.75	1.95	2.60
2-1/2"	1.35	2.30	2.10	3.05
3"	1.65	2.50	2.25	3.25
3 1/2"	2.00	3.00	2.80	4.00
4"	2.20	3.10	3.05	4.10
5"	2.40	3.25	3.15	4.65
6"	2.60	3.55	4.05	5.25
8"	3.45	5.85	6.00	7.05
10"	6.85	8.45	9.05	11.95
12"	8.15	10.75	11.40	15.15
14"	9.05	12.25	12.95	17.65
16"	10.55	17.50	15.60	20.95
18"	11.20	20.35	16.75	22.65
20"	13.60	23.60	19.50	26.45
24"	18.85	33.55	25.40	33.85
30"	Call	Call	Call	Call
36"	Call	Call	Call	Call
42"	Call	Call	Call	Call
48"	Call	Call	Call	Call

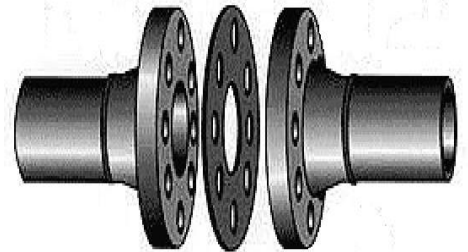
Red Rubber (#RR6 150/300 - size) (RR8 for 1/8" thick)

Full Face (#RF6 150/300 - size)(RF8 for 1/8" thick)

CALL for gasket materials not listed, special cuts, or high-volume items.



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Teflon
Flange Bulk Gaskets

*****Determination of the suitability of material and use is the sole responsibility of the customer and/or end user*****

New ASME standards, exact measurements on request

Bolt holes according to ASME B16.21

LIST

Pipe Size	150# Ring	Full Face 150#	300# Ring	Full Face 300#
1/2"	2.20	5.10	2.70	5.65
3/4"	2.60	5.90	3.35	7.90
1"	3.05	6.75	3.70	5.55
1-1/4"	3.55	7.70	4.30	9.60
1-1/2"	4.15	8.65	5.30	12.55
2"	5.50	11.85	6.60	13.80
2-1/2"	7.15	15.55	8.50	17.85
3"	8.20	17.35	10.55	21.00
3 1/2"	11.20	20.70	12.60	25.50
4"	12.60	24.05	14.65	29.95
5"	15.50	28.85	20.50	37.25
6"	18.35	33.60	26.25	44.50
8"	27.75	48.85	37.90	62.15
10"	42.25	69.45	53.05	85.10
12"	60.30	95.90	70.05	114.75
14"	72.40	117.10	93.70	144.45
16"	93.00	144.30	113.05	174.75
18"	101.85	158.55	135.95	207.95
20"	122.75	190.00	161.10	244.10
24"	168.55	251.70	222.55	336.15
30"	call	call	call	call
36"	call	call	call	call
42"	call	call	call	call
48"	call	call	call	call

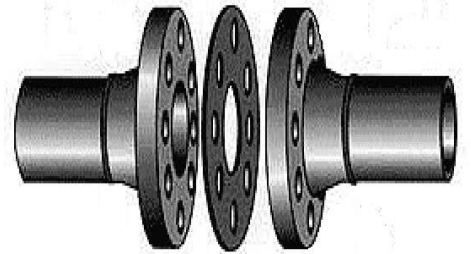
(above is 1/16", **CALL FOR 1/8" thick**)

Teflon (#TR6 150/300 - size) (TR8 for 1/8" thick)

Full Face (#TF6 150/300 - size) (TF8 for 1/8" thick)



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Spiral Wound Gaskets

1/8", 304ss windings & graphite filler with carbon steel centering ring.

Temp. limit 975 Deg. ASME B16.20

(In stock is Major brand name, NO GENERICS!)

Part #SPG 150/300/600 - (size)

LIST

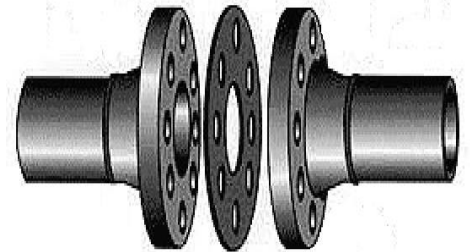
Pipe Size	150# Ring	300# Ring	600# Ring
1/2"	4.15	4.35	4.35
3/4"	4.20	4.45	4.45
1"	4.25	4.50	4.50
1-1/4"	4.35	4.55	4.55
1-1/2"	4.35	4.60	4.60
2"	4.55	4.80	4.80
2-1/2"	5.05	5.25	5.25
3"	5.55	5.75	5.75
4"	6.85	8.10	9.25
5"	8.60	10.90	13.55
6"	9.50	12.00	15.00
8"	12.00	16.00	20.00
10"	17.05	19.75	29.20
12"	25.65	27.15	35.85
14"	34.00	38.80	50.85
16"	40.45	47.40	66.30
18"	50.85	60.70	81.50
20"	62.30	65.50	97.70
24"	68.25	87.00	111.95
30"	AND	ABOVE	CALL

(316ss, inner rings and different fillers and windings are available, Please call).

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Flange Insulation Kits 150#

Kits includes: Neoprene faced phenolic gasket, phenolic washers, zinc plated washers, Mylar bolt sleeves.

Max temp. on gasket is 175deg. F (call for higher temp.)

For Larger sizes and 300# and above please call.

With Bolts: add bolt and nut set list, then use discount.

LIST

Pipe Size	ENDW	FNDW	ENSW	FNSW
1/2"	23.45	19.90	20.00	16.65
3/4"	23.45	19.90	20.00	16.65
1"	23.45	19.90	21.15	16.65
1-1/4"	24.15	19.90	21.50	17.25
1-1/2"	26.55	21.25	24.25	18.50
2"	29.40	22.20	26.70	19.50
2-1/2"	30.80	24.90	27.75	22.15
3"	33.50	25.60	30.80	22.85
3 1/2"	51.50	42.15	40.30	31.75
4"	53.10	42.90	44.05	36.10
5"	59.75	47.65	46.00	39.05
6"	79.25	55.35	70.85	47.00
8"	97.85	62.30	89.50	53.90
10"	144.00	125.80	127.15	108.90
12"	162.70	142.15	145.85	125.25
14"	AND	ABOVE	PLEASE	CALL
16"	AND	ABOVE	PLEASE	CALL

#ENDW - 150 - (size) - Full face gasket, Double washers for both flange sides.

#FNDW - 150 - (size) - Ring gasket, Double washers for both flange sides.

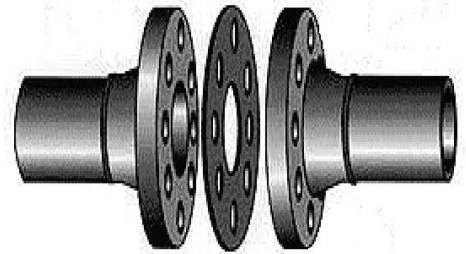
#ENSW - 150 - (size) - Full face gasket, Single washer set for one side of flanges.

#FNSW - 150 - (size) - Ring gasket, Single washer set for one side of flanges.

(Any kit with bolts and nuts, add suffix - B at the end)



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**Flange Insulating One Piece
Sleeve and Washer - Minlon**

LIST

Bolt Size	Cost
1/2"	1.20
5/8"	1.30
3/4"	1.50
7/8"	1.90
1"	2.00

Specify 1/2" or 1" long

Part #MLN-size
1" long #MLN-1-size

*****LARGER SIZES CALL*****