



Style 38 Couplings for Steel Pipe



GASKETS

GRADE 27 (Buna S Blend) — The compound in most general use for plain gaskets is Grade 27. This gasket has wide application and is accepted as standard for most pipeline use. It is recommended for use on lines carrying natural and other gases, air, fresh and salt water, most acids, alkalines and sugar solutions, and some refrigerants.

GRADE 42 (Buna N Blend) — Grade 42 gaskets are resistant to oil, most aromatic and aliphatic hydrocarbons, natural gas fogging oil, condensates and gasolines.

BUTYL — Butyl gaskets are resistant to hot air service, steam, hot water, and miscellaneous aqueous solutions. They are also suitable for vegetable oils, organic chemicals, oxidizing acids or alkalines.

EPDM — EPDM gaskets provide excellent resistance to aging factors such as ozone, oxygen, and elevated temperatures. This includes service in hot water, steam and dry heat.

FLUOROCARBON — Fluorocarbon gaskets are highly resistant to hydrocarbons, aromatic hydrocarbons, alcohols, organic acids, nitrogen-containing compounds, vegetable oils and greases.

MATERIALS OF CONSTRUCTION

Sizes 1/2" thru 1-1/2":

- Followers: Ductile Iron or Malleable Iron
- Middle Ring: ASTM A513
- Bolts: AWWA C 111/ANSI A 21.11

Sizes 2" and up:

- Followers: AISI C1012 or ASME SA36
- Middle Ring: ASTM A513 or ASME SA675 GR60
- Bolts: AWWA C 111/ANSI A 21.11

PIPE (STEEL)		MIDDLE RING Thickness and Length (A & B)	BOLTS Number, Diameter and Length (D x E)	GASKETS Section Dimensions Thickness and Length (F & G)	OVERALL DIMENSIONS		WORKING PRESSURE Lbs./Sq. In.	MAXIMUM TEST PRESSURE Lbs./Sq. In.	SHIPPING WEIGHT Each (Approx.) Lbs.
Nominal Size	Outside Diam. (OD)				Diam. (H)	Length (L)			
1/2	.840	.120 x 3-1/2	2 - 3/8 x 5	9/32 x 9/16	3-1/2	4-3/8	1500	2250	2
3/4	1.050	.120 x 5	2 - 1/2 x 6-3/4	9/32 x 9/16	3-13/16	5-7/8	1500	2250	3
1	1.315	.134 x 5	2 - 1/2 x 6-3/4	9/32 x 9/16	4-1/16	5-7/8	1500	2250	4
1-1/4	1.660	.140 x 5	2 - 1/2 x 6-3/4	9/32 x 9/16	4-7/16	5-7/8	1500	2250	4
1-1/2	1.900	.148 x 5	2 - 1/2 x 6-3/4	11/32 x 5/8	4-3/4	5-7/8	1500	2250	5
	2.375	.154 x 4	2 - 1/2 x 6-1/2	3/8 x 3/4	5-3/8	5-1/4			4.5
2	2.375	.154 x 5	2 - 5/8 x 8-1/4	1/2 x 29/32	6	6-5/8	1500	2250	7
2	2.375	.154 x 7	3 - 5/8 x 8-1/4	1/2 x 29/32	6-1/4	7	1500	2250	10
2	2.375	.154 x 7	3 - 5/8 x 10-3/4	1/2 x 29/32	6-1/4	9	1500	2250	13
2	2.875	.203 x 5	3 - 5/8 x 8-1/4	1/2 x 29/32	7	7	1500	2250	13
	3.000	.203 x 4	2 - 1/2 x 6	3/8 x 7/8	6	5-1/2			6.5
3	3.500	.156 x 4	3 - 1/2 x 6	3/8 x 7/8	6-1/2	5-1/4			7
3	3.500	.156 x 5	4 - 5/8 x 8-1/4	1/2 x 29/32	7-3/8	7	1100	1650	13.5
3	3.500	.156 x 7	4 - 5/8 x 10-3/4	1/2 x 29/32	7-5/8	9	1100	1650	17.5
3-1/2	4.000	.134 x 4	3 - 1/2 x 6	3/8 x 7/8	7	5-1/4			7.5
3-1/2	4.000	.203 x 5	4 - 5/8 x 8-1/4	1/2 x 29/32	7-3/4	7	1500	2250	17
4	4.500	.188 x 4	3 - 1/2 x 6	3/8 x 7/8	7-1/2	5-1/4			8
4	4.500	.188 x 5	4 - 5/8 x 8-1/4	1/2 x 29/32	8-3/4	7	1300	1950	16.8
4	4.500	.188 x 7	4 - 5/8 x 10-3/4	1/2 x 29/32	8-1/4	9	1300	1950	23.5
	5.500	3/16 x 4	4 - 1/2 x 6	3/8 x 7/8	8-1/2	5-1/4			10
	5.500	1/4 x 5	4 - 5/8 x 8-1/4	1/2 x 29/32	8-1/2	5-1/4	1205	1808	23.5
	5.563	3/16 x 4	4 - 1/2 x 6	3/8 x 7/8	8-1/2	5-1/4			20
5	5.563	1/4 x 5	4 - 5/8 x 8-1/4	1/2 x 29/32	9-5/8	6-3/4	1205	1808	23.5
5	5.563	1/4 x 7	4 - 5/8 x 10-3/4	1/2 x 29/32	9-5/8	8-3/4	1205	1808	25
	6.000	1/4 x 4	4 - 1/2 x 6	3/8 x 7/8	9	5-1/4			11
	6.000	1/4 x 5	6 - 5/8 x 8-1/4	1/2 x 1	9-7/8	6-7/8	1126	1689	26.5
6	6.625	3/16 x 4	4 - 1/2 x 6	3/8 x 7/8	9-5/8	5-1/4			22.5
6	6.625	1/4 x 5	6 - 5/8 x 8-1/4	1/2 x 1	10-1/2	6-7/8	1029	1544	25.5
6	6.625	1/4 x 7	6 - 5/8 x 10-3/4	1/2 x 1	10-1/2	8-7/8	1029	1544	31
	8.000	3/16 x 4	5 - 1/2 x 6	3/8 x 7/8	11	5-1/4			15
	8.000	1/4 x 5	6 - 5/8 x 8-1/4	1/2 x 1	11-7/8	6-7/8	866	1299	31
8	8.625	3/16 x 4	6 - 1/2 x 6	3/8 x 7/8	11-5/8	5-1/4			16
8	8.625	1/4 x 5	6 - 5/8 x 8-1/4	1/2 x 1-1/16	12-7/16	6-7/8	807	1211	32
8	8.625	1/4 x 7	6 - 5/8 x 10-3/4	1/2 x 1-1/16	12-7/16	8-7/8	807	1211	38
	10.000	1/4 x 5	8 - 5/8 x 8-1/4	1/2 x 1	13-7/8	6-7/8	703	1055	39
10	10.750	1/4 x 5	8 - 5/8 x 8-1/4	1/2 x 1-1/16	14-5/8	6-7/8	657	986	40
10	10.750	1/4 x 7	8 - 5/8 x 10-3/4	1/2 x 1-1/16	14-5/8	8-7/8	657	986	49
10	10.750	3/8 x 7	8 - 5/8 x 10-3/4	1/2 x 1-3/16	14-5/8	8-7/8	813	1220	53
	12.000	1/4 x 7	8 - 5/8 x 10-3/4	1/2 x 1	16-1/8	8-7/8	591	887	53
12	12.750	1/4 x 5	8 - 5/8 x 8-1/4	1/2 x 1-1/16	16-3/4	6-7/8	558	837	45
12	12.750	1/4 x 7	8 - 5/8 x 10-3/4	1/2 x 1-1/16	16-3/4	8-7/8	558	837	56
12	12.750	3/8 x 7	8 - 5/8 x 10-3/4	1/2 x 1-3/16	16-3/4	8-7/8	691	1036	65
	14.000	1/4 x 7	8 - 5/8 x 10-3/4		18	9-1/8	510	765	60
	14.000	3/8 x 7	8 - 5/8 x 10-3/4		18	9-1/8	633	949	72



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