METAL JACKETED GASKETS

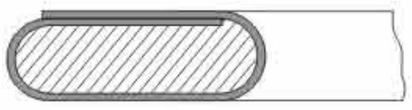
Metal jacketed gaskets (MJG) consist of a soft filler encapsulated in a metallic material. The filler material provides a gasket with compres sibility and resilience while the jacket confers compressive strength and blow out resistance. MJG can be produced in a variety of configurations making them ideal for heat exchanger applications. A wide range of jacket and filler materials is available to suit every service condition. The gaskets can be produced with no size limitations.

TYPES OF GASKETS

Style JG100

Style JG100 Single Jacketed
Soft filler - open type

Style JG120

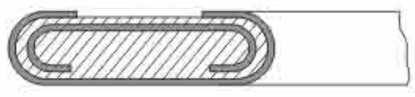


Style JG120 Single Jacketed
Soft filler - totally enclosed

Style JG130

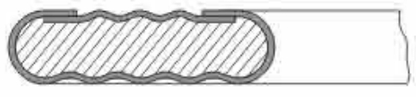
Style JG130 Double Jacketed
Soft filler - totally enclosed

Style JG140



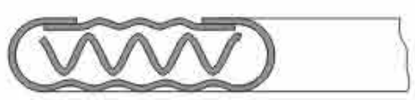
Style JG140 Double Shell Jacketed
Soft filler - totally enclosed

Style JG150



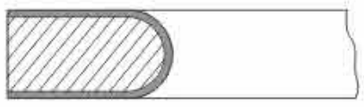
Style JG150 Double Jacketed
Softer filler corrugated

Style JG155



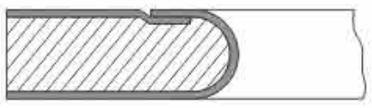
Style JG155 Double Jacketed
Metal filler corrugated

Style JG160



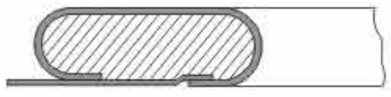
Style JG160 Single Jacketed
Soft filler - open edge outside

Style JG165



Style JG165 Double Jacketed
Soft filler - open edge outside

Style JG 170

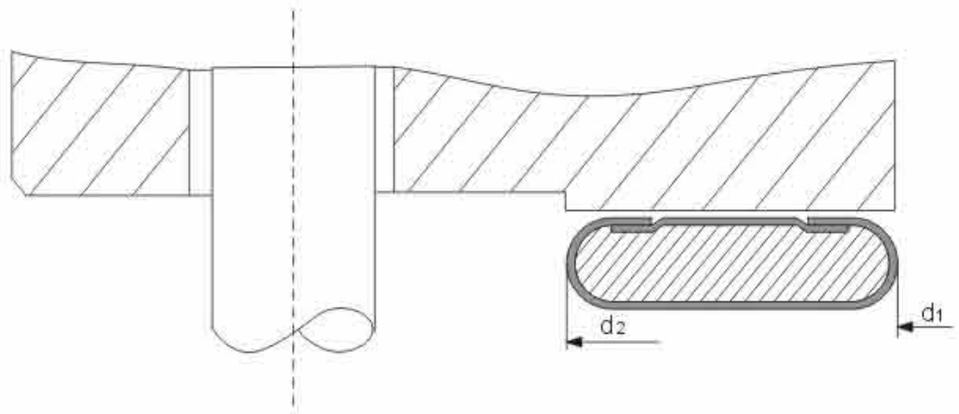


Style JG 170 Double Jacketed
style JG 130 with outer ring

STANDARD MATERIALS

Filler Material	Jacketed Material	
Flexible Graphite	Soft Iron	5Cr-0.5Mo
Sonseal CNAF	Low Carbon Steel	Titanium
PTFE	Stainless Steel	Nickel
Mica	Brass	Monel
Ceramic	Copper	Inconel
Metal	Aluminium	Hasteloy

DIMENSIONAL DATA



MJG for ASME/ANSI B 16.5 flangse in accordance with ASME B 16.20

NPS [inch]	d1 [mm]	d2 [mm] / Class [lbs]						
		150	300	400	600	900	1500	2500
1/2	22.4	44.5	50.8	50.8	50.8	60.5	60.5	66.8
3/4	28.7	54.1	63.5	63.5	63.5	66.8	66.8	73.2
1	38.1	63.5	69.9	69.9	69.9	76.2	76.2	82.6
1 1/4	47.8	73.2	79.5	79.5	79.5	85.9	85.9	101.6
1 1/2	54.1	82.6	92.2	92.2	92.2	95.3	95.3	114.3
2	73.2	101.6	108.0	108.0	108.0	139.7	139.7	143.0
2 1/2	85.9	120.7	127.0	127.0	127.0	162.1	162.1	165.1
3	108.0	133.4	146.1	146.1	146.1	165.1	171.5	193.8
4	131.8	171.5	177.8	174.8	190.5	203.2	206.5	231.9
5	152.4	193.8	212.9	209.6	238.3	244.6	251.0	276.4
6	190.5	219.2	247.7	244.6	263.7	285.8	279.4	314.5
8	238.3	276.4	304.8	301.8	317.5	355.6	349.3	384.3
10	285.8	336.6	358.9	355.6	397.0	431.8	431.8	473.2
12	342.9	406.4	419.1	416.1	454.2	495.3	517.7	546.1
14	374.7	447.8	482.6	479.6	489.0	517.7	574.8	-
16	425.5	511.3	536.7	533.4	562.1	571.5	638.3	-
18	489.0	546.1	593.9	590.6	609.6	635.0	701.8	-
20	533.4	603.3	651.0	644.7	679.5	695.5	752.6	-
24	641.4	714.5	771.7	765.3	787.4	835.2	898.7	-

MJG for ASME/ANSI B 16.47 A series flanges, in accordance with ASME B 16.20

NPS [inch]	d1 [mm]	d2 [mm] / Class [lbs]				
		150	300	400	600	900
26	673.1	771.7	831.9	828.8	863.6	879.6
28	723.9	828.8	895.4	889.0	911.4	943.1
30	774.7	879.6	949.5	943.1	968.5	1006.6
32	825.5	936.8	1003.3	1000.3	1019.3	1070.1
34	876.3	987.6	1054.1	1051.1	1070.1	1133.6
36	927.1	1044.7	1114.6	1114.6	1127.3	1197.1
38	977.9	1108.2	1051.1	1070.1	1101.9	1197.1
40	1028.7	1159.0	1111.3	1124.0	1152.7	1247.9
42	1079.5	1216.2	1162.1	1174.8	1216.2	1298.7
44	1130.3	1273.3	1216.2	1228.9	1267.0	1365.3
46	1181.1	1324.1	1270.0	1286.0	1324.1	1432.1
48	1231.9	1381.3	1320.8	1343.2	1387.6	1482.9
50	1282.7	1432.1	1374.9	1400.3	1444.8	-
52	1333.5	1489.2	1425.7	1451.1	1495.6	-
54	1384.3	1546.4	1489.2	1514.6	1552.7	-
56	1435.1	1603.5	1540.0	1565.4	1603.5	-
58	1485.9	1660.7	1590.8	1616.2	1660.7	-
60	1536.7	1711.5	1641.6	1679.7	1730.5	-

MJG for ASME/ANSI B 16.47 B series flanges, in accordance with ASME B 16.20

NPS [inch]	d1 [mm]	d2 [mm] / Class [lbs]				
		150	300	400	600	900
26	673.1	722.4	768.4	743.0	762.0	835.2
28	723.9	773.2	822.5	797.1	816.1	898.7
30	774.7	824.0	882.7	854.2	876.3	955.8
32	825.5	877.8	936.8	908.1	930.4	1013.0
34	876.3	931.9	990.6	958.9	993.9	1070.1
36	927.1	984.3	1044.7	1019.3	1044.7	1120.9
38	977.9	1041.4	1095.5	1070.1	1101.9	1197.1
40	1028.7	1092.2	1146.3	1124.0	1152.7	1247.9
42	1079.5	1143.0	1197.1	1174.8	1216.2	1298.7
44	1130.3	1193.8	1247.9	1228.9	1267.0	1365.3
46	1181.1	1252.5	1314.5	1286.0	1324.1	1432.1
48	1231.9	1303.3	1365.3	1343.2	1387.6	1482.9
50	1282.7	1354.1	1416.1	1404.9	1444.8	-
52	1333.5	1404.9	1466.9	1451.1	1495.6	-
54	1384.3	1460.5	1527.3	1514.6	1552.7	-
56	1435.1	1511.3	1590.8	1565.4	1603.5	-
58	1485.9	1576.3	1652.5	1616.2	1660.7	-
60	1536.7	1627.1	1703.3	1679.7	1730.5	-