

# SPIRAL WOUND GASKET DATASHEET

## DIMENSIONS FOR SPIRAL-WOUND GASKETS TO ASME B16.20 (API 601) USED WITH ASME/ANSI B16.5 FLANGES (DIMENSIONS IN MM)

DN		D1					D2					D3		D4						
		PN 20 - PN 50	PN 68 - PN 100	PN 150	PN 250	PN 420	PN 20 - PN 50	PN 68 - PN 100	PN 150	PN 250	PN 420	PN 20 - PN 100	PN 150 - PN 420	PN 20	PN 50	PN 68	PN 100	PN 150	PN 250	PN 420
MM	In.	150 300 lbs	400 600 lbs	900 lbs	1500 lbs	2500 lbs	150 300 lbs	400 600 lbs	900 lbs	1500 lbs	2500 lbs	150 600 lbs	900 2500 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	1500 lbs	2500 lbs
15	½	14.2	14.2	14.2	14.2	14.2	19.1	19.1	19.1	19.1	19.1	31.8	31.8	47.8	54.1	54.1	54.1	63.5	63.5	69.9
20	¾	20.6	20.6	20.6	20.6	20.6	25.4	25.4	25.4	25.4	25.4	39.6	39.6	57.2	66.8	66.8	66.8	69.9	69.9	76.2
25	1	26.9	26.9	26.9	26.9	26.9	31.8	31.8	31.8	31.8	31.8	47.8	47.8	66.8	73.2	73.2	73.2	79.5	79.5	85.9
32	1 ¼	38.1	38.1	33.3	33.3	33.3	47.8	47.8	39.6	39.6	39.6	60.5	60.5	76.2	82.6	82.6	82.6	88.9	88.9	104.9
40	1 ½	44.5	44.5	41.4	41.4	41.4	54.1	54.1	47.8	47.8	47.8	69.9	69.9	85.9	95.3	95.3	95.3	98.6	98.6	117.6
50	2	55.6	55.6	52.3	52.3	52.3	69.9	69.9	58.7	58.7	58.7	85.9	85.9	104.9	111.3	111.3	111.3	143	143	146
65	2 ½	66.5	66.5				82.6	82.6	69.9	69.9		98.6	98.6	124.0	130.3	130.3	130.3	165.1	165.1	
80	3	81.0	78.7	63.5	63.5	63.5	101.6	101.6	95.3	92.2	69.9	120.7	120.7	136.7	149.4	149.4	149.4	168.4	174.8	168.4
90	*3 ½	93.7	93.7	78.7	78.7	78.7	114.3	104.8	104.8	104.8		92.2	133.4	133.4	161.9	165.1	161.9	161.9	190.5	187.3
100	4	106.4	102.6	- 102.6	- 97.8	- 97.8	127.0	120.7	120.7	117.6	- 117.6	149.4	149.4	174.8	181.1	177.8	193.8	206.5	209.6	- 235
125	5	131.8	128.3	128.3	124.5	124.5	155.7	147.6	147.6	143.0	143.0	177.8	177.8	196.9	215.9	212.9	241.3	247.7	254	279.4
150	6	157.2	154.9	154.9	147.3	147.3	182.6	174.8	174.8	171.5	171.5	209.6	209.6	222.3	251	247.7	266.7	289.1	282.7	317.5
200	8	215.9	205.7	196.9	196.9	196.9	233.4	225.6	222.3	215.9	215.9	263.7	257.3	279.4	308.1	304.8	320.8	358.9	352.6	387.4
250	10	268.3	255.3	246.1	246.1	246.1	287.3	274.6	276.4	266.7	270.0	317.5	311.2	339.9	362	358.9	400.1	435.1	435.1	476.3
300	12	317.5	307.3	292.1	292.1	292.1	339.9	327.2	323.9	323.9	317.5	374.7	368.3	409.7	422.4	419.1	457.2	498.6	520.7	549.4
350	14	349.3	342.9	320.8	320.8	-	371.6	362.0	355.6	362.0	-	406.4	400.1	450.9	485.9	482.6	492.3	520.7	577.9	-
400	16	400.1	389.9	374.7	368.3	-	422.4	412.8	412.8	406.4	-	463.6	457.2	514.4	539.8	536.7	565.2	574.8	641.4	-
450	18	449.3	438.2	425.5	425.5	-	474.7	469.9	463.6	463.6	-	527.1	520.7	549.4	596.9	593.9	612.9	638.3	704.9	-
500	20	500.1	489.0	482.6	476.3	-	525.5	520.7	520.7	514.4	-	577.9	571.5	606.5	654.1	647.7	682.8	698.5	755.7	-
600	24	603.3	590.6	590.6	577.9	-	628.7	628.7	628.7	616.0	-	685.8	679.5	717.6	774.7	768.4	790.7	838.2	901.7	-

DIMENSION IN MILLIMETER

## DIMENSIONS FOR SPIRAL-WOUND GASKETS TO ASME B16.20 WITH B16.47 SERIES A (MSS-SP44) FLANGES (DIMENSIONS IN MM)

DN		D1					D2					D3					D4				
		PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150
MM	In.	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs
550	*22	552.5	552.5	552.5	552.5	-	577.9	577.9	577.9	577.9	616.0	609.6	628.7	628.7	628.7	685.8	660.4	704.8	701.7	733.4	838.2
650	26	654.1	654.1	660.4	647.7	666.8	673.1	685.8	685.8	685.8	685.8	704.9	736.6	736.6	736.6	736.6	774.7	835.2	831.9	866.9	882.7
700	28	704.9	704.9	711.2	698.5	711.2	723.9	736.6	736.6	736.6	736.6	755.7	787.4	787.4	787.4	787.4	831.9	898.7	892.3	914.4	946.2
750	30	755.7	755.7	755.7	755.7	774.7	774.7	793.8	793.8	793.8	793.8	806.5	844.6	844.6	844.6	844.6	882.7	952.5	946.2	971.6	1009.7
800	32	806.5	806.5	812.8	812.8	812.8	825.5	850.9	850.9	850.9	850.9	860.6	901.7	901.7	901.7	901.7	939.8	1006.6	1003.3	1022.4	1073.2
850	34	857.3	857.3	863.6	863.6	863.6	876.3	901.7	901.7	901.7	901.7	911.4	952.5	952.5	952.5	952.5	990.6	1057.4	1054.1	1073.2	1136.7
900	36	908.1	908.1	917.7	917.7	920.8	927.1	955.8	955.8	955.8	958.9	968.5	1006.6	1006.6	1006.6	1009.7	1047.8	1117.6	1117.6	1130.3	1200.2
950	38	958.9	952.5	952.5	952.5	1009.7	977.9	977.9	971.6	990.6	1035.1	1019.3	1016.0	1022.4	1041.4	1085.8	1111.3	1054.1	1073.2	1104.9	1200.2
1000	40	1009.7	1003.3	1000.3	1009.7	1060.5	1028.7	1022.4	1025.7	1047.8	1098.6	1070.1	1070.1	1076.5	1098.6	1149.4	1162.1	1114.6	1127.3	1155.7	1251.0
1050	42	1060.5	1054.1	1051.1	1066.8	1111.3	1079.5	1073.2	1076.5	1104.9	1149.4	1124.0	1124.0	1127.3	1155.7	1200.2	1219.2	1165.4	1178.1	1219.2	1301.8
1100	44	1111.3	1104.9	1104.9	1111.3	1155.7	1130.3	1130.3	1130.3	1162.1	1206.5	1178.1	1181.1	1181.1	1212.9	1257.3	1276.4	1219.2	1231.9	1270.0	1368.6
1150	46	1162.1	1152.7	1168.4	1162.1	1219.2	1181.1	1178.1	1193.8	1212.9	1270.0	1228.9	1228.9	1244.6	1263.7	1320.8	1327.2	1273.3	1289.1	1327.2	1435.1
1200	48	1212.9	1209.8	1206.5	1219.2	1270.0	1231.9	1235.2	1244.6	1270.0	1320.8	1279.7	1286.0	1295.4	1320.8	1371.6	1384.3	1324.1	1346.2	1390.7	1485.9
1250	50	1263.7	1244.6	1257.3	1270.0	-	1282.7	1295.4	1295.4	1320.8	-	1333.5	1346.2	1346.2	1371.6	-	1435.1	1378.0	1403.4	1447.8	-
1300	52	1314.5	1320.8	1308.1	1320.8	-	1333.5	1346.2	1346.2	1371.6	-	1384.3	1397.0	1397.0	1422.4	-	1492.3	1428.8	1454.2	1498.6	-
1350	54	1358.9	1352.6	1352.6	1378.0	-	1384.3	1403.4	1403.4	1428.8	-	1435.1	1454.2	1454.2	1479.6	-	1549.4	1492.3	1517.7	1555.8	-
1400	56	1409.7	1403.4	1403.4	1428.8	-	1435.1	1454.2	1454.2	1479.6	-	1485.9	1505.0	1505.0	1530.4	-	1606.6	1543.1	1568.5	1612.9	-
1450	58	1460.5	1447.8	1454.1	1473.2	-	1485.9	1511.3	1505.0	1536.7	-	1536.7	1562.1	1555.8	1587.5	-	1663.7	1593.8	1593.8	1663.7	-
1500	60	1511.3	1524.0	1517.7	1530.4	-	1536.7	1562.1	1568.5	1593.9	-	1587.5	1612.9	1619.3	1644.7	-	1714.5	1644.7	1644.7	1733.6	-

DIMENSION IN MILLIMETER

## DIMENSIONS FOR SPIRAL-WOUND GASKETS TO ASME B16.20 WITH B16.47 SERIES B (API 605) FLANGES (DIMENSIONS IN MM)

DN		D1					D2					D3					D4				
		PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150	PN 20	PN 50	PN 68	PN 100	PN 150
MM	In.	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs
650	26	654.1	654.1	654.1	644.7	673.1	673.1	673.1	666.8	663.7	692.2	698.5	711.2	698.5	714.5	749.3	725.4	771.7	746.3	765.3	838.2
700	28	704.9	704.9	701.8	692.2	723.9	723.9	723.9	714.5	704.9	743.0	749.3	762.0	749.3	755.7	800.1	776.2	825.5	800.1	819.2	901.7
750	30	755.7	755.7	752.6	752.6	787.4	774.7	774.7	765.3	806.5	806.5	800.1	812.8	806.5	828.8	857.3	827.0	886.0	857.3	879.6	958.9
800	32	806.5	806.5	800.1	793.8	838.2	825.5	825.5	812.8	831.9	863.6	850.9	863.8	860.6	882.7	914.4	881.1	939.8	911.4	933.5	1016.0
850	34	857.3	857.3	850.9	850.9	895.4	876.3	876.3	866.9	889.0	920.8	908.1	914.4	911.4	939.8	971.6	935.0	993.9	962.2	997.0	1073.2
900	36	908.1	908.1	898.7	901.7	927.1	927.1	927.1	917.7	939.8	946.2	958.9	965.2	965.2	990.6	997.0	987.5	1047.8	1022.4	1047.8	1124.0
950	38	958.9	971.6	952.5	952.5	1009.7	974.6	1009.7	971.6	990.6	1035.1	1009.7	1047.8	1022.4	1041.4	1085.9	1044.7	1098.6	1073.2	1104.9	1200.2
1000	40	1009.7	1022.3	1000.3	1009.7	1060.5	1022.4	1060.5	1025.7	1047.8	1098.6	1063.8	1098.6	1076.5	1098.6	1149.5	1095.5	1149.4	1127.3	1155.7	1251.0
1050	42	1060.5	1085.8	1051.1	1066.8	1111.3	1079.5	1111.3	1076.5	1104.9	1149.4	1114.6	1149.4	1127.3	1155.7	1200.2	1146.3	1200.2	1178.1	1219.2	1301.8
1100	44	1111.3	1124.0	1104.9	1111.3	1155.7	1124.0	1162.1	1130.3	1162.1	1206.5	1165.4	1200.2	1181.1	1212.9	1257.3	1197.1	1251.0	1231.9	1270.0	1368.6
1150	46	1162.1	1178.1	1168.4	1162.1	1219.2	1181.1	1216.2	1193.8	1212.9	1270.0	1224.0	1254.3	1244.6	1263.7	1320.8	1255.8	1317.8	1289.1	1327.2	1435.1
1200	48	1212.9	1231.9	1206.5	1219.2	1270.0	1231.9	1263.7	1244.6	1270.0	1320.8	1270.0	1311.4	1295.4	1320.8	1371.6	1306.6	1368.6	1346.2	1390.7	1485.9
1250	50	1263.7	1267.0	1257.3	1270.0	-	1282.7	1317.8	1295.4	1320.8	-	1325.6	1355.9	1346.2	1371.6	-	1357.4	1419.4	1403.4	1447.8	-
1300	52	1314.5	1317.8	1308.1	1320.8	-	1333.5	1368.6	1346.2	1371.6	-	1376.4	1406.7	1397.0	1422.4	-	1408.2	1470.2	1454.2	1498.6	-
1350	54	1365.3	1365.3	1352.6	1378.0	-	1384.3	1403.4	1403.4	1428.8	-	1422.4	1454.2	1454.2	1479.6	-	1463.8	1530.4	1517.7	1555.8	-
1400	56	1422.4	1428.8	1403.4	1428.8	-	1444.8	1479.6	1454.2	1479.6	-	1477.8	1524.0	1505.0	1530.4	-	1514.6	1593.9	1568.5	1612.9	-
1450	58	1478.0	1484.4	1454.1	1473.2	-	1500.4	1535.2	1505.0	1536.7	-	1528.8	1573.3	1555.8	1587.5	-	1579.6	1655.8	1619.3	1663.7	-
1500	60	1535.2	1557.3	1517.7	1530.4	-	1557.3	1589.0	1568.5	1593.9	-	1586.0	1630.4	1619.3	1644.7	-	1630.4	1706.6	1682.8	1733.6	-

DIMENSION IN MILLIMETER