

SPIRAL WOUND GASKET

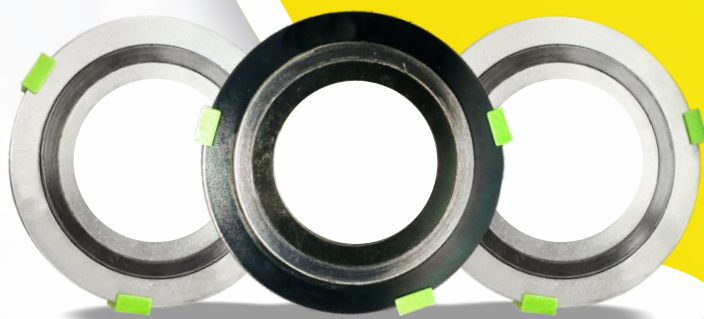


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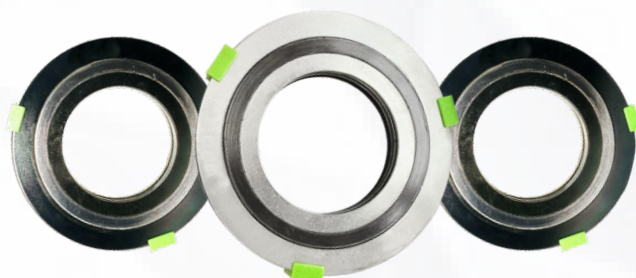
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Fabrication Gallery

What Are Spiral Wound Gaskets ?

Spiral Wound Gaskets are type of metallic gasket, generally used for sealing at high temperature and high pressure equipment such as boilers, pressure vessels & piping systems. Spiral Wound Gaskets refer to applicable codes such as ASME B16.20, DIN EN 1514-2, JIS B-2404. These gaskets are identified by flange size (NPS), pressure class, and the appropriate flange standard such as B16.5, B16.47, EN 1092-1, JIS B 2220 Flanges.

Type of Gaskets



B Style

Style B gasket consists of sealing element only. It comes with some additional layers of winding strip when used in tongue and groove and male/female flanges. It is available in various shapes, including oval, obround, and diamond.



OB Style

This type of gasket consists of outer ring and sealing element. It is most suitable for RF and FF flanges. We made it accordingly to the ASME B16.20/DIN standards to guarantee its quality.



BI Style

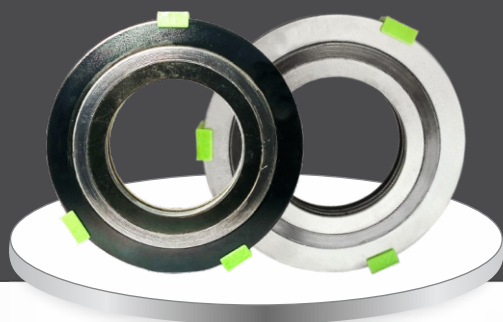
The standard BI style consists of an inner ring and a sealing element. This ring is heat and corrosion resistant. This ring is also available in various shapes such as oval, obround, diamond, etc.



OBI Style

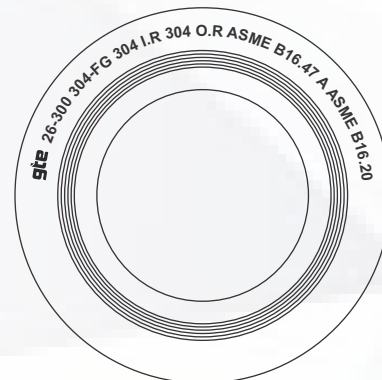
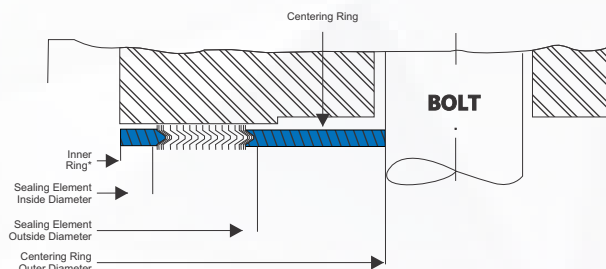
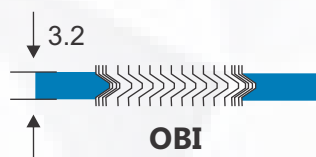
The standard OBI style consists of outer ring, sealing element, and inner ring. The outer ring is color coded based on the material that constructs it. It is heat and corrosion resistant due to its extra inner ring fitted that provides an additional compressions stop.

ASME B16.20 SWG for ASME B16.47 SERIES A Flange



Size : 1/2 inch to 24 inch
 Application : Industrial
 Hardness Basic : 30 - 90 Shore
 Standard : ASME
 Pressure : 150 To 900 psi

Metallic Winding Materials	Nonmetallic Filler Materials	
Carbon Steel	Polytetrafluoroethylene	PTFE
304 SS	Flexible Graphite	FG
304 L SS	Ceramic	CER
310 SS	Mica	MICA
316 L SS	Asbestos	ASB



Identification Requirement

Marking of ASME B16.20 SWG for ASME B16.47 Series A Flange

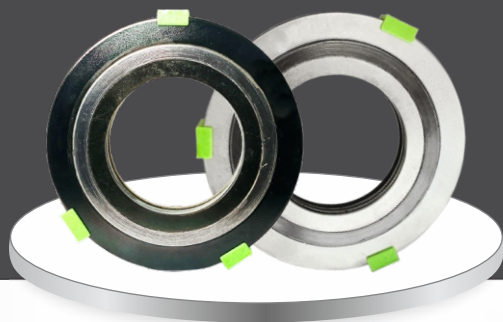
GTE	26	-	300	-	304	-	FG	304	I.R	304	O.R	ASME	B16.47	A	ASME	B16.20
Manufacture	NPS	Class	Winding Material	Filler Material	Inner Ring Material	Inner Ring	Outer Ring Material	Outer Ring	Standard	Flange Code	Flange Code	Standard	Gasket Code			

Table

ASME B16.20 SWG for ASME B16.47 SERIES A Flange

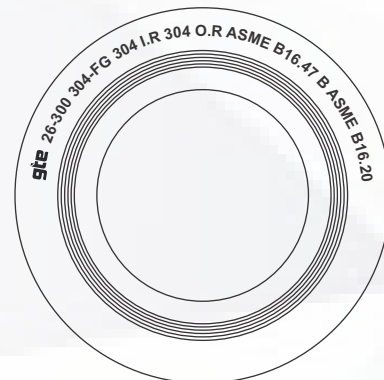
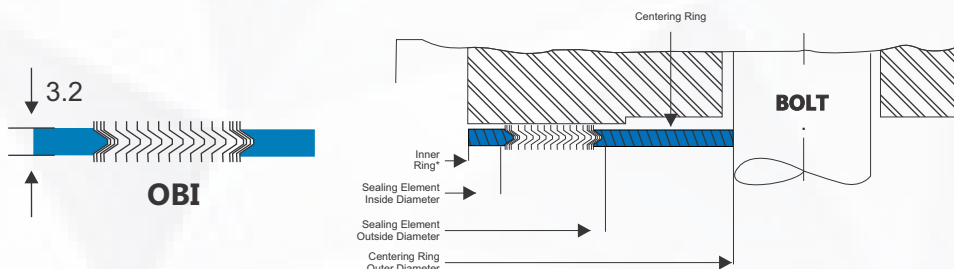
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		STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE			
		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER	
(IN)	DN	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
26	650	654.1	673.1	704.9	774.7	654.1	685.8	736.6	835.2	660.4	685.8	736.6	831.9	647.7	685.8	736.6	866.9	660.4	685.8	736.6	882.7
28	700	704.9	723.9	755.7	831.9	704.9	736.6	787.4	898.7	711.2	736.6	787.4	892.3	698.5	736.6	787.4	914.4	711.2	736.6	787.4	946.2
30	750	755.7	774.7	806.5	882.7	755.7	793.8	844.6	952.5	755.7	793.8	844.6	946.2	755.7	793.8	844.6	971.6	768.4	793.8	844.6	1009.7
32	800	806.5	825.5	860.6	939.8	806.5	850.9	901.7	1006.6	812.8	850.9	901.7	1003.3	812.8	850.9	901.7	1022.4	812.8	850.9	901.7	1073.2
34	850	857.3	876.3	911.4	990.6	857.3	901.7	952.5	1057.4	863.6	901.7	952.5	1054.1	863.6	901.7	952.5	1073.2	863.6	901.7	952.5	1136.7
36	900	908.1	927.1	968.5	1047.8	908.1	955.8	1006.6	1117.6	917.7	955.8	1006.6	1117.6	917.7	955.8	1006.6	1130.3	920.8	958.9	1009.7	1200.2
38	950	958.9	977.9	1019.3	1111.3	952.5	977.9	1016	1054.1	952.5	971.6	1022.4	1073.2	952.5	990.6	1041.4	1104.9	1009.7	1035.1	1085.9	1200.2
40	1000	1009.7	1028.7	1070.1	1162.1	1003.3	1022.4	1070.1	1114.6	1000.3	1025.7	1076.5	1127.3	1009.7	1047.8	1098.6	1155.7	1060.5	1098.6	1149.4	1251
42	1050	1060.5	1079.5	1124	1219.2	1054.1	1073.2	1120.9	1165.4	1051.1	1076.5	1127.3	1178.1	1066.8	1104.9	1155.7	1219.2	1111.3	1149.4	1200.2	1301.8
44	1100	1111.3	1130.3	1178.1	1276.4	1104.9	1130.3	1181.1	1219.2	1104.9	1130.3	1181.1	1231.9	1111.3	1162.1	1212.9	1270	1155.7	1206.5	1257.3	1368.6
46	1150	1162.1	1181.1	1228.9	1327.2	1152.7	1178.1	1228.9	1273.3	1168.4	1193.8	1244.6	1289.1	1162.1	1212.9	1263.7	1327.2	1219.2	1270	1320.8	1435.1
48	1200	1212.9	1231.9	1279.7	1384.3	1209.8	1235.2	1286	1324.1	1206.5	1244.6	1295.4	1346.2	1219.2	1270	1320.8	1390.7	1270	1320.8	1371.6	1485.9
50	1250	1263.7	1282.7	1333.5	1435.1	1244.6	1295.4	1346.2	1378	1257.3	1295.4	1346.2	1403.4	1270	1320.8	1371.6	1447.8	-	-	-	-
52	1300	1314.5	1333.5	1384.3	1492.3	1320.8	1346.2	1397	1428.8	1308.1	1346.2	1397	1454.2	1320.8	1371.6	1422.4	1498.6	-	-	-	-
54	1350	1358.9	1384.3	1435.1	1549.4	1352.6	1403.4	1454.2	1492.3	1352.6	1403.4	1454.2	1517.7	1378	1428.8	1479.6	1555.8	-	-	-	-
56	1400	1409.7	1435.1	1485.9	1606.6	1403.4	1454.2	1505	1543.1	1403.4	1454.2	1505	1568.5	1428.8	1479.6	1530.4	1612.9	-	-	-	-
58	1450	1460.5	1485.9	1536.7	1663.7	1447.8	1511.3	1562.1	1593.9	1454.2	1505	1555.8	1619.3	1473.2	1536.7	1587.5	1663.7	-	-	-	-
60	1500	1511.3	1536.7	1587.5	1714.5	1524	1562.1	1612.9	1644.7	1517.7	1568.5	1619.3	1682.8	1530.4	1593.9	1644.7	1733.6	-	-	-	-

ASME B16.20 SWG for ASME B16.47 SERIES B Flange



Size : 1/2 inch to 24 inch
 Application : Industrial
 Hardness Basic : 30 - 90 Shore
 Standard : ASME
 Pressure : 150 To 900 psi

Metallic Winding Materials	Nonmetallic Filler Materials	
Carbon Steel	Polytetrafluoroethylene	PTFE
304 SS	Flexible Graphite	FG
304 L SS	Ceramic	CER
310 SS	Mica	MICA
316 L SS	Asbestos	ASB



Identification Requirement

Marking of ASME B16.20 SWG for ASME B16.47 Series B Flange

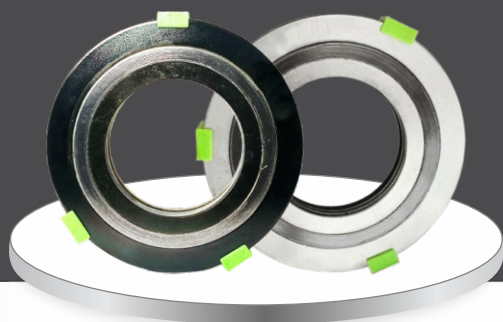
GTE	26	-	300	-	304	-	FG	304	I.R	304	O.R	ASME	B16.47	B	ASME	B16.20
Manufacture	NPS	Class	Winding Material	Filler Material	Inner Ring Material	Inner Ring	Outer Ring Material	Outer Ring	Standard	Flange Code	Flange Code	Standard	Gasket Code			

Table

ASME B16.20 SWG for ASME B16.47 SERIES B Flange

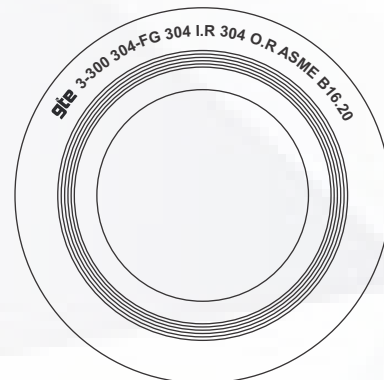
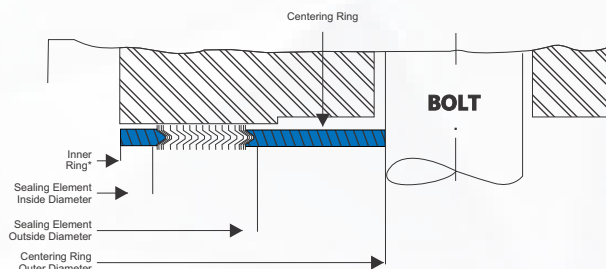
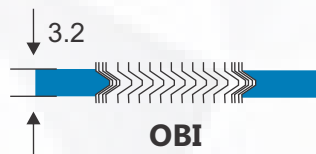
SIZE		150#				300#				400#				600#				900#			
		STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE			
		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER	
		D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4
(IN)	DN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
26	650	654.1	673.1	698.5	725.4	654.1	673.1	711.2	771.7	654.1	666.8	698.5	746.3	644.7	663.7	714.5	765.3	666.8	692.2	749.3	838.2
28	700	704.9	723.9	749.3	776.2	704.9	723.9	762	825.5	701.8	714.5	749.3	800.1	685.8	704.9	755.7	819.2	717.6	743	800.1	901.7
30	750	755.7	774.7	800.1	827	755.7	774.7	812.8	886	752.6	765.3	806.5	857.3	752.6	778	828.8	879.6	781.1	806.5	857.3	958.9
32	800	806.5	825.5	850.9	881.1	806.5	825.5	863.6	939.8	800.1	812.8	860.6	911.4	793.8	831.9	882.7	933.5	838.2	863.6	914.4	1016
34	850	857.3	876.3	908.1	935	857.3	876.3	914.4	993.9	850.9	866.9	911.4	962.2	850.9	889	939.8	997	895.4	920.8	971.6	1073.2
36	900	908.1	927.1	958.9	987.6	908.1	927.1	965.2	1047.8	898.7	917.7	965.2	1022.4	901.7	939.8	990.6	1047.8	920.8	946.2	997	1124
38	950	958.9	974.9	1009.7	1044.7	971.6	1009.7	1047.8	1098.6	952.5	971.6	1022.4	1073.2	952.5	990.6	1041.4	1104.9	1009.7	1035.1	1085.9	1200.2
40	1000	1009.7	1022.4	1063.8	1095.5	1022.4	1060.5	1098.6	1149.4	1000.3	1025.7	1076.5	1127.3	1009.7	1047.8	1098.6	1155.7	1060.5	1098.6	1149.4	1251
42	1050	1060.5	1079.5	1114.6	1146.3	1085.9	1111.3	1149.4	1200.2	1051.1	1076.5	1127.3	1178.1	1066.8	1104.9	1155.7	1219.2	1111.3	1149.4	1200.2	1301.8
44	1100	1111.3	1124	1165.4	1197.1	1124	1162.1	1200.2	1251	1104.9	1130.3	1181.1	1231.9	1111.3	1162.1	1212.9	1270	1155.7	1206.5	1257.3	1368.6
46	1150	1162.1	1181.1	1224	1255.8	1178.1	1216.2	1254.3	1317.8	1168.4	1193.8	1244.6	1289.1	1162.1	1212.9	1263.7	1327.2	1219.2	1270	1320.8	1435.1
48	1200	1212.9	1231.9	1270	1306.6	1231.9	1263.7	1311.4	1368.6	1206.5	1244.6	1295.4	1346.2	1219.2	1270	1320.8	1390.7	1270	1320.8	1371.6	1485.9
50	1250	1263.7	1282.7	1325.6	1357.4	1267	1317.8	1355.9	1419.4	1257.3	1295.4	1346.2	1403.4	1270	1320.8	1371.6	1447.8	-	-	-	-
52	1300	1314.5	1333.5	1376.4	1408.2	1317.8	1368.6	1406.7	1470.2	1308.1	1346.2	1397	1454.2	1320.8	1371.6	1422.4	1498.6	-	-	-	-
54	1350	1365.3	1384.3	1422.4	1463.8	1365.3	1403.4	1454.2	1530.4	1352.6	1403.4	1454.2	1517.7	1378	1428.8	1479.6	1555.8	-	-	-	-
56	1400	1422.4	1444.8	1478	1514.6	1428.8	1479.6	1524	1593.9	1403.4	1454.2	1505	1568.5	1428.8	1479.6	1530.4	1612.9	-	-	-	-
58	1450	1478	1500.1	1528.8	1579.6	1484.4	1535.2	1573.3	1655.8	1454.2	1505	1555.8	1619.3	1473.2	1536.7	1587.5	1663.7	-	-	-	-
60	1500	1535.2	1557.3	1586	1630.4	1557.3	1589	1630.4	1706.6	1517.7	1568.5	1619.3	1682.8	1530.4	1593.9	1644.7	1733.6	-	-	-	-

ASME B16.20 SWG for ASME B16.5 Flange



Size : 1/2 inch to 24 inch
Application : Industrial
Hardness Basic : 30 - 90 Shore
Standard : ASME
Pressure : 150 To 2500 psi

Metallic Winding Materials	Nonmetallic Filler Materials	
Carbon Steel	Polytetrafluoroethylene	PTFE
304 SS	Flexible Graphite	FG
304 L SS	Ceramic	CER
310 SS	Mica	MICA
316 L SS	Asbestos	ASB



Identification Requirement

Marking of ASME B16.20 SWG for ASME B16.5 Flange

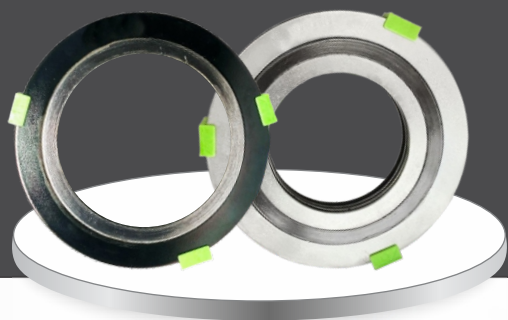
GTE	3	-	300	304	-	FG	304	I.R	304	O.R	ASME	B16.20
Manufacture	NPS	Class	Winding Material	Filler Material	Inner Ring Material	Inner Ring	Outer Ring Material	Outer Ring	Standard	Gasket Code		

Table

ASME B16.20 SWG for ASME B16.5 Flange

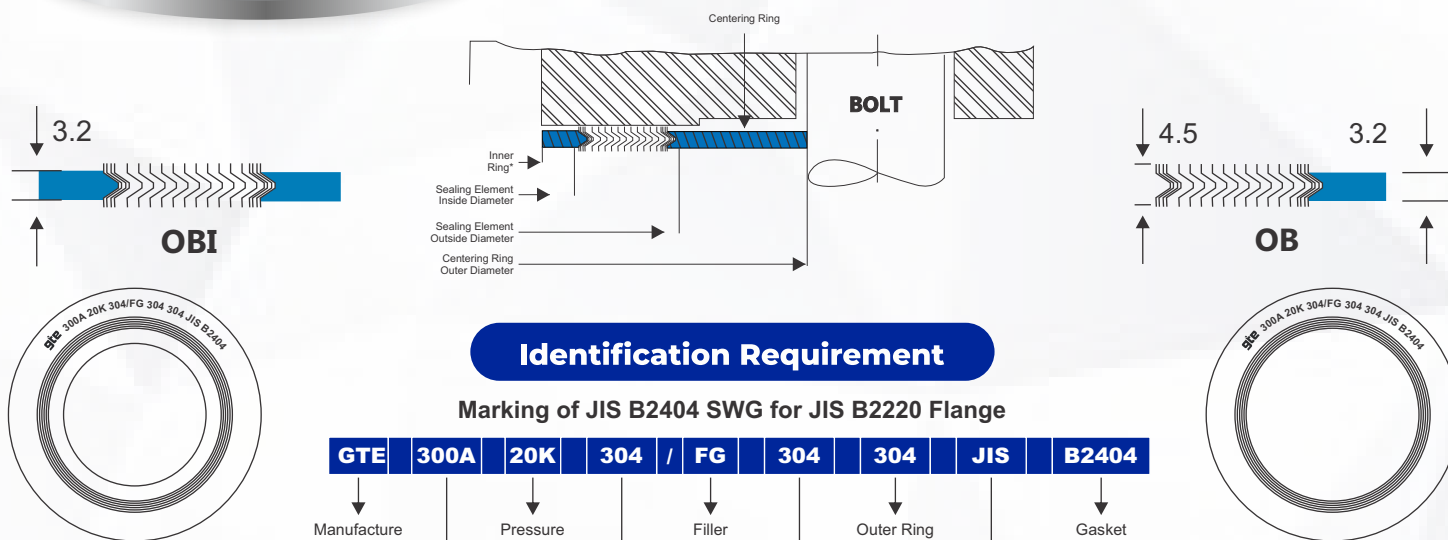
SIZE	150#				300#				400#				600#				900#				1500#				2500#				
	STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				
	INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		
	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	
(IN)	DN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1/2	15	14.2	19.1	31.8	47.8	14.2	19.1	31.8	54.1	14.2	19.1	31.8	54.1	14.2	19.1	31.8	54.1	14.2	19.1	31.8	63.5	14.2	19.1	31.8	63.5	14.2	19.1	31.8	69.9
3/4	20	20.6	25.4	39.6	57.2	20.6	25.4	39.6	66.8	20.6	25.4	39.6	66.8	20.6	25.4	39.6	66.8	20.6	25.4	39.6	69.9	20.6	25.4	39.6	69.9	20.6	25.4	39.6	76.2
1	25	26.9	31.8	47.8	66.8	26.9	31.8	47.8	73.2	26.9	31.8	47.8	73.2	26.9	31.8	47.8	73.2	26.9	31.8	47.8	79.5	26.9	31.8	47.8	79.5	26.9	31.8	47.8	85.9
1+1/4	32	38.1	47.8	60.5	76.2	38.1	47.8	60.5	82.6	38.1	47.8	60.5	82.6	38.1	47.8	60.5	82.6	38.1	47.8	60.5	88.9	33.3	39.6	60.5	88.9	33.3	39.6	60.5	104.9
1+1/2	40	44.5	54.1	69.9	85.9	44.5	54.1	69.9	95.3	44.5	54.1	69.9	95.3	44.5	54.1	69.9	95.3	41.4	47.8	69.9	98.6	41.4	47.8	69.9	98.6	41.4	47.8	69.9	117.6
2	50	55.6	69.9	85.9	104.9	55.6	69.9	85.9	111.3	55.6	69.9	85.9	111.3	55.6	69.9	85.9	111.3	52.3	58.7	85.9	143	52.3	58.7	85.9	143	52.3	58.7	85.9	146.1
2+1/2	65	66.5	82.6	98.6	124	66.5	82.6	98.6	130.3	66.5	82.6	98.6	130.3	66.5	82.6	98.6	130.3	63.5	69.9	98.6	165.1	63.5	69.9	98.6	165.1	63.5	69.9	98.6	168.4
3	80	81	101.6	120.7	136.7	81	101.6	120.7	149.4	81	101.6	120.7	149.4	81	101.6	120.7	149.4	78.7	95.3	120.7	168.4	78.7	92.2	120.7	174.8	78.7	92.2	120.7	196.9
3+1/2	90	101.1	114.3	133.4	161.9	101.1	114.3	133.4	165.1	91.4	104.8	133.4	161.9	91.4	104.8	133.4	161.9	-	-	-	-	-	-	-	-	-	-	-	-
4	100	106.4	127	149.4	174.8	106.4	127	149.4	181.1	102.6	120.7	149.4	177.8	102.6	120.7	149.4	177.8	128.3	147.6	177.8	247.7	124.5	143	177.8	254	124.5	143	177.8	279.4
5	125	131.8	155.7	177.8	196.9	131.8	155.7	177.8	215.9	128.3	147.6	177.8	212.9	128.3	147.6	177.8	213.3	154.9	174.8	209.6	289.1	147.3	171.5	209.6	282.7	147.3	171.5	209.6	317.5
6	150	157.2	182.6	209.6	222.3	157.2	182.6	209.6	251	154.9	174.8	209.6	247.7	154.9	174.8	209.6	266.7	196.9	222.3	257.3	358.9	196.9	215.9	257.3	352.6	196.9	215.9	257.3	387.4
8	200	215.9	233.4	263.7	279.4	215.9	233.4	263.7	308.1	205.7	225.6	263.7	304.8	205.7	225.6	263.7	320.8	246.1	276.4	311.2	435.1	246.1	266.7	311.2	435.1	246.1	270	311.2	476.3
10	250	268.2	287.3	317.5	339.9	268.2	287.3	317.5	362	255.3	274.6	317.5	358.9	255.3	274.6	317.5	400.1	292.1	323.9	368.3	498.6	292.1	323.9	368.3	520.7	292.1	317.5	368.3	549.4
12	300	317.5	339.9	374.7	409.7	317.5	339.9	374.7	422.4	302.3	327.2	374.7	419.1	302.3	327.2	374.7	457.2	320.8	355.6	400.1	520.7	320.8	362	400.1	577.9	-	-	-	-
14	350	349.3	371.6	406.4	450.9	349.3	371.6	406.4	485.9	342.9	362	406.4	482.6	342.9	362	406.4	492.3	374.7	412.8	457.2	574.8	368.3	406.4	457.2	641.4	-	-	-	-
16	400	400.1	422.4	463.6	514.4	400.1	422.4	463.6	539.8	389.9	412.8	463.6	536.7	389.9	412.8	463.6	565.2	425.5	463.6	520.7	638.3	425.5	463.6	520.7	704.9	-	-	-	-
18	450	449.3	474.7	527.1	549.4	449.3	474.7	527.1	596.9	438.2	469.9	527.1	593.9	438.2	469.9	527.1	612.9	482.6	520.7	571.5	698.5	476.3	514.4	571.5	755.7	-	-	-	-
20	500	500.1	525.5	577.9	606.6	500.1	525.5	577.9	654.1	489.6	520.7	577.9	647.7	489.6	520.7	577.9	682.8	590.6	628.7	679.5	838.2	577.9	616	679.5	901.7	-	-	-	-
24	600	603.3	628.7	685.8	717.6	603.3	628.7	685.8	774.7	589.2	628.7	685.8	768.4	590.6	628.7	685.8	790.7	-	-	-	-	-	-	-	-	-	-	-	-

JIS B2404 SWG for JIS B2220 Flange



Size : 1/2 inch to 24 inch
 Application : Industrial
 Hardness Basic : 30 - 90 Shore
 Standard : JIS
 Pressure : 10 To 63 Kg/cm²

Metallic Winding Materials	Nonmetallic Filler Materials	
Carbon Steel	Polytetrafluoroethylene	PTFE
304 SS	Flexible Graphite	FG
304 L SS	Ceramic	CER
310 SS	Mica	MICA
316 L SS	Asbestos	ASB

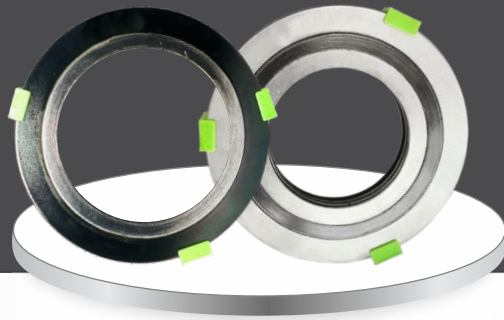


Table

JIS B2404 SWG for JIS B2220 Flange

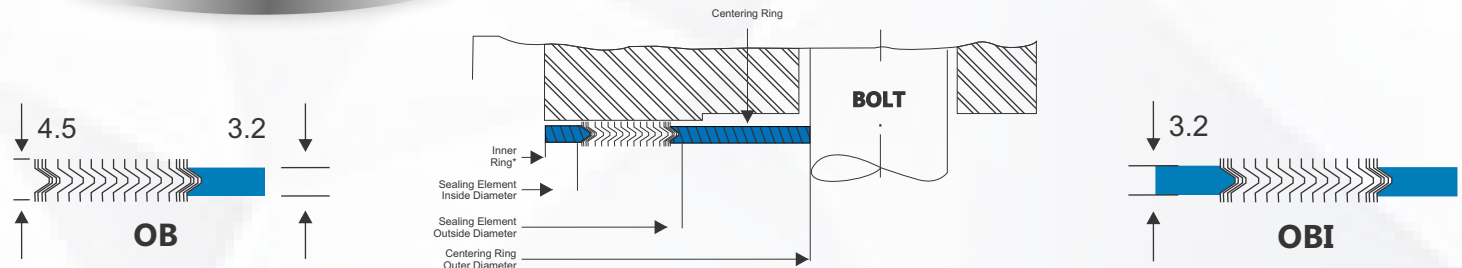
SIZE	10 K				16 K				20 K				30 K				40 K				63 K			
	STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE			
	INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER		INNER		OUTER	
	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10A	18	24	37	52	18	24	37	52	18	24	37	52	18	24	37	59	15	21	34	59	15	21	34	64
15A	22	28	41	57	22	28	41	57	22	28	41	57	22	28	41	64	18	24	37	64	18	24	37	69
20A	28	34	47	62	28	34	47	62	28	34	47	62	28	34	47	69	23	29	42	69	23	29	42	75
25A	34	40	53	74	34	40	53	74	34	40	53	74	34	40	53	79	29	35	48	79	29	35	48	80
32A	43	51	67	84	43	51	67	84	43	51	67	84	43	51	67	89	38	44	60	89	38	44	60	90
40A	49	57	73	89	49	57	73	89	49	57	73	89	49	57	73	100	43	51	67	100	43	51	67	107
50A	61	69	89	104	61	69	89	104	61	69	89	104	61	69	89	114	55	63	79	114	55	63	79	125
65A	77	87	107	124	77	87	107	124	77	87	107	124	68	78	98	140	68	78	98	140	68	78	98	152
80A	89	98	118	134	89	99	119	140	89	99	119	140	80	90	110	150	80	90	110	150	80	90	110	162
90A	102	110	130	144	102	114	139	150	102	114	139	150	92	102	127	162	92	102	127	162	92	102	127	179
100A	115	123	143	159	115	127	152	165	115	127	152	165	104	116	141	172	104	116	141	182	104	116	141	194
125A	140	148	173	190	140	152	177	202	140	152	177	202	128	140	165	207	128	140	165	224	128	140	165	235
150A	166	174	199	220	166	182	214	237	166	182	214	237	153	165	197	249	153	165	197	265	153	165	197	275
175A	-	201	226	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200A	217	227	252	270	217	233	265	282	217	233	265	282	202	218	250	294	202	218	250	315	202	218	250	328
225A	-	252	277	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250A	268	278	310	332	268	288	328	354	268	288	328	354	251	271	311	360	251	271	311	378	251	271	311	394
300A	319	329	361	377	319	339	379	404	319	339	379	404	300	320	360	418	300	320	360	434	300	320	360	446
350A	356	366	406	422	356	376	416	450	356	376	416	450	336	356	396	463	336	356	396	479	336	356	396	488
400A	407	417	457	484	407	432	482	508	407	432	482	508	383	403	453	524	383	403	453	531	383	403	453	545
450A	458	468	518	539	458	483	533	573	458	483	533	573	-	-	-	-	-	-	-	-	-	-	-	-
500A	508	518	568	594	508	533	583	628	508	533	583	628	-	-	-	-	-	-	-	-	-	-	-	-
550A	559	569	619	650	559	584	634	684	559	584	634	684	-	-	-	-	-	-	-	-	-	-	-	-
600A	610	620	670	700	610	635	685	734	610	635	685	734	-	-	-	-	-	-	-	-	-	-	-	-

EN 1514-2 SWG for EN 1092-1 Flange



Size : 1/2 inch to 24 inch
 Application : Industrial
 Hardness Basic : 30 - 90 Shore
 Standard : DIN
 Pressure : 10 To 160 Bar

Metallic Winding Materials	Nonmetallic Filler Materials	
Carbon Steel	Polytetrafluoroethylene	PTFE
304 SS	Flexible Graphite	FG
304 L SS	Ceramic	CER
310 SS	Mica	MICA
316 L SS	Asbestos	ASB



Identification Requirement

Marking of EN 1514-2 SWG for EN 1092-1 Flange

GTE	304	FG	/	304	DN300	PN25	304	EN	1514-2
Manufacture	Outer Ring Material	Filler Material		Winding Material	Diameter Nominal	Pressure Material	Inner Ring Material	Standard	Spiral Wound Code

Table

EN 1514-2 SWG for EN 1092-1 Flange

SIZE		PN 10				PN 16				PN 25				PN 40				PN 63				PN 100				PN 160			
		STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE				STANDARD SIZE			
		INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER
(IN)	DN	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4	D1	D2	D3	D4
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
3/8	10	18	24	34	46	18	24	34	46	18	24	34	46	18	24	34	46	18	24	34	56	18	24	34	56	18	24	34	56
1/2	15	23	29	39	51	23	29	39	51	23	29	39	51	23	29	39	51	23	29	39	61	23	29	39	61	23	29	39	61
3/4	20	28	34	46	61	28	34	46	61	28	34	46	61	28	34	46	61	28	34	-	-	28	34	-	-	28	34	-	-
1	25	35	41	53	71	35	41	53	71	35	41	53	71	35	41	53	71	35	41	53	82	35	41	53	82	35	41	53	82
1+1/4	32	43	49	61	82	43	49	61	82	43	49	61	82	43	49	61	82	43	49	-	-	43	49	-	-	43	49	-	-
1+1/2	40	50	56	68	92	50	56	68	92	50	56	68	92	50	56	68	92	50	56	68	103	50	56	68	103	50	56	68	103
2	50	61	70	86	107	61	70	86	107	61	70	86	107	61	70	86	107	61	70	86	113	61	70	86	113	61	70	86	113
2+1/2	65	77	86	102	127	77	86	102	127	77	86	102	127	77	86	102	127	77	86	106	137	77	86	106	143	77	86	106	143
3	80	90	99	115	142	90	99	115	142	90	99	115	142	90	99	115	142	90	99	119	148	90	99	119	154	90	99	119	154
4	100	115	127	143	162	115	127	143	162	115	127	143	168	115	127	143	168	115	127	147	174	115	127	147	180	115	127	147	180
5	125	140	152	172	192	140	152	172	192	140	152	172	194	140	152	172	194	140	152	176	210	140	152	176	217	140	152	176	217
6	150	167	179	199	218	167	179	199	218	167	179	199	224	167	179	199	224	167	179	203	247	167	179	203	257	167	179	203	257
8	200	216	228	248	273	216	228	248	273	216	228	248	284	216	228	248	290	216	228	252	309	216	228	252	324	216	228	252	324
10	250	267	279	303	327	267	279	303	329	267	279	303	340	267	279	303	352	267	279	307	364	267	279	307	391	267	279	307	388
12	300	318	330	354	377	318	330	354	384	318	330	354	400	318	330	354	417	318	330	358	424	318	330	358	458	318	330	358	458
14	350	360	376	400	437	360	376	400	444	360	376	400	457	360	376	400	474	360	376	404	486	360	376	404	512	360	376	404	-
16	400	410	422	450	488	410	422	450	495	410	422	450	514	410	422	450	546	-	-	-	-	-	-	-	-	-	-	-	-
20	500	510	522	550	593	510	522	550	617	510	522	550	624	510	522	550	628	-	-	-	-	-	-	-	-	-	-	-	-
24	600	610	622	650	695	610	622	650	734	610	622	650	731	610	622	650	747	-	-	-	-	-	-	-	-	-	-	-	-
28	700	710	722	756	810	710	722	756	804	710	722	756	833	710	722	756	852	-	-	-	-	-	-	-	-	-	-	-	-
32	800	810	830	864	917	810	830	864	911	810	830	864	942	810	830	864	974	-	-	-	-	-	-	-	-	-	-	-	-
36	900	910	930	964	1017	910	930	964	1011	910	930	964	1042	910	930	964	1084	-	-	-	-	-	-	-	-	-	-	-	-
40	1000	1010	1030	1074	1124	1010	1030	1074	1128	1010	1030	1074	1154	1010	1030	1074	1194	-	-	-	-	-	-	-	-	-	-	-	-



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