



**SPIRAL WOUND GASKET STYLE OR & ORIR - ASME B16.20 (to suit ASME B16.5 Flanges)**

Nom Bore	Sealing Element Inner Diameter							S/Element OD		Centering Ring Outer Diameter						
	Class 150	Class 300	Class 400	Class 600	Class 900	Class 1500	Class 2500	150 to 600	900 to 2500	Class 150	Class 300	Class 400	Class 600	Class 900	Class 1500	Class 2500
1/2"	19.05	19.05	19.05	19.05	19.05	19.05	19.05	31.75	31.75	47.75	54.10	54.10	54.10	63.50	63.50	69.85
3/4"	25.40	25.40	25.40	25.40	25.40	25.40	25.40	39.62	39.62	57.15	66.80	66.80	66.80	69.85	69.85	76.20
1"	31.75	31.75	31.75	31.75	31.75	31.75	31.75	47.75	47.75	66.80	73.15	73.15	73.15	79.50	79.50	85.85
1.1/4"	47.75	47.75	47.75	47.75	39.62	39.62	39.62	60.45	60.45	76.20	82.55	82.55	82.55	88.90	88.90	104.90
1.1/2"	54.10	54.10	54.10	54.10	47.75	47.75	47.75	69.85	69.85	85.85	95.25	95.25	95.25	98.55	98.55	117.60
2"	69.85	69.85	69.85	69.85	58.67	58.67	58.67	85.85	85.85	104.90	111.25	111.25	111.25	143.00	143.00	146.05
2.1/2"	82.55	82.55	82.55	82.55	69.85	69.85	69.85	98.55	98.55	123.95	130.30	130.30	130.30	165.10	165.10	168.40
3"	101.60	101.60	101.60	101.60	95.25	92.20	92.20	120.65	120.65	136.65	149.35	149.35	149.35	168.40	174.75	196.85
4"	127.00	127.00	120.65	120.65	120.65	117.60	117.60	149.35	149.35	174.75	181.10	177.80	193.80	206.50	209.55	234.95
5"	155.70	155.70	147.57	147.57	147.57	143.00	143.00	177.80	177.80	196.85	215.90	212.85	241.30	247.65	254.00	279.40
6"	182.63	182.63	174.75	174.75	174.75	171.45	171.45	209.55	209.55	222.25	250.95	247.65	266.70	289.05	282.70	317.50
8"	233.43	233.43	225.55	225.55	222.25	215.90	215.90	263.65	257.30	279.40	308.10	304.80	320.80	358.90	352.55	387.35
10"	287.27	287.27	274.57	274.57	276.35	266.70	270.00	317.50	311.15	339.85	361.95	358.90	400.05	435.10	435.10	476.25
12"	339.85	339.85	327.15	327.15	323.85	323.85	317.50	374.65	368.30	409.70	422.40	419.10	457.20	498.60	520.70	549.40
14"	371.60	371.60	361.95	361.95	355.60	361.95	n/a	406.40	400.05	450.85	485.90	482.60	492.25	520.70	577.85	n/a
16"	422.40	422.40	412.75	412.75	412.75	406.40	n/a	462.05	457.20	514.35	539.75	536.70	565.15	574.80	641.35	n/a
18"	474.73	474.73	469.90	469.90	463.55	463.55	n/a	527.05	520.70	549.40	596.90	593.85	612.90	638.30	704.85	n/a
20"	525.53	525.53	520.70	520.70	520.70	514.35	n/a	577.85	571.50	606.55	654.05	647.70	682.75	698.50	755.65	n/a
24"	628.65	628.65	628.65	628.65	628.65	615.95	n/a	685.80	679.45	717.55	774.70	768.35	790.70	838.20	901.70	n/a

Nom Bore	Inner Ring Dimensions to suit SWG Style ORIR						
	Class 150	Class 300	Class 400	Class 600	Class 900	Class 1500	Class 2500
1/2"	14.22	14.22	14.22	14.22	14.22	14.22	14.22
3/4"	20.57	20.57	20.57	20.57	20.57	20.57	20.57
1"	26.92	26.92	26.92	26.92	26.92	26.92	26.92
1.1/4"	38.10	38.10	38.10	38.10	33.27	33.27	33.27
1.1/2"	44.45	44.45	44.45	44.45	41.40	41.40	41.40
2"	55.63	55.63	55.63	55.63	52.32	52.32	52.32
2.1/2"	66.55	66.55	66.55	66.55	63.50	63.50	63.50
3"	81.03	81.03	78.74	78.74	78.74	78.74	78.74
4"	106.43	106.43	102.62	102.62	102.62	97.79	97.79
5"	131.83	131.83	128.27	128.27	128.27	124.46	124.46
6"	157.23	157.23	154.94	154.94	154.94	147.32	147.32
8"	215.90	215.90	205.94	205.94	196.85	196.85	196.85
10"	268.22	268.22	255.27	255.27	246.13	246.13	246.13
12"	317.50	317.50	307.34	307.34	292.10	292.10	292.10
14"	349.25	349.25	342.90	342.90	320.80	320.80	n/a
16"	400.05	400.05	389.89	389.89	374.65	368.30	n/a
18"	449.33	449.33	438.15	438.15	425.45	425.45	n/a
20"	500.13	500.13	488.95	488.95	482.60	476.25	n/a
24"	603.25	603.25	590.55	590.55	590.55	577.85	n/a

General Notes
1. Alba Gaskets recommend the use of Inner Rings on Classes 900lb & above. These Inner Rings may extend into the bore to a maximum of 0.06" under the worst combination of maximum bore, eccentric installation and additive tolerances.
2. ASME B16.20 calls for the use of Inner Rings when PTFE is the Filler Material in Spiral Wound Gaskets in all Sizes & Pressure Classes.
3. The Gasket Inside Diameter tolerance for sizes 1/2" to 8" is plus or minus 0.016", for sizes 10" to 24" the tolerance is plus or minus 0.03".
4. The Gasket Outside Diameter tolerance for sizes 1/2" to 8" is plus or minus 0.03", for sizes 10" to 24" the tolerance is plus 0.06" minus 0.03".
5. Where possible the Inner Ring Material should match the material of the Winding Strip, this is to alleviate the risk of corrosion due to mis-matched materials.
6. * This denotes that these Gasket Sizes are not listed in ASME B16.20.
7. ASME B16.20 states that Inner Rings are mandatory on the following Flange Sizes & Pressure Classes:- a. Class 900lb - 24" to 48" b. Class 1500lb - 12" to 24" c. Class 2500lb - 4" to 12"