

DIMENSION ENCLOSURE CHART

**Non Metallic Gaskets, Drawing No: ASIAN/ NMG/ 001
(Non Asbestos, Rubber, Graphite, PTFE & Steel Insert Gaskets)**

Dimensions of Non Metallic Gasket as per ASME B16.21 to Suit ASME B16.5 Class 150, Pipe Flange and Flanged Fittings

Flange Size (NPS)	Full Face Gasket				
	Inner Dia	Outer Dia	No of Holes	Hole Dia	Bolt Circle Dia
1/2"	21.00	89.00	4	15.875	60.30
3/4"	27.00	98.00	4	15.875	69.90
1"	33.00	108.00	4	15.875	79.40
1 1/4"	42.00	117.00	4	15.875	88.90
1 1/2"	48.00	127.00	4	15.875	98.40
2"	60.00	152.00	4	19.050	120.70
2 1/2"	73.00	178.00	4	19.050	139.70
3"	89.00	191.00	4	19.050	152.40
3 1/2"	102.00	216.00	8	19.050	177.80
4"	114.00	229.00	8	19.050	190.50
5"	141.00	254.00	8	22.225	215.90
6"	168.00	279.00	8	22.225	241.30
8"	219.00	343.00	8	22.225	298.50
10"	273.00	406.00	12	25.400	362.00
12"	324.00	483.00	12	25.400	431.80
14"	356.00	533.00	12	28.575	476.30
16"	406.00	597.00	16	28.575	539.80
18"	457.00	635.00	16	31.750	577.90
20"	508.00	699.00	20	31.750	635.00
22"	559.00	750.00	20	34.925	692.20
24"	610.00	813.00	20	34.925	749.30

Notes :

1. All dimensions are in mm.
2. The tolerances of Outside diameter for NPS 12 and smaller is (+ 0 mm/ - 1.5 mm).
3. The tolerances of Outside diameter for NPS 14 and larger is (+ 0 mm/ - 3.0 mm).
4. The tolerances of Inside diameter for NPS 12 and smaller is ± 1.5 mm
5. The tolerances of Inside diameter for NPS 14 and larger is ± 3.0 mm
6. The tolerance of bolt circle diameter is ± 1.5 mm
7. The tolerance of center to center of adjacent bolt holes is ± 1.0 mm
8. The thickness of the Gasket shall be given by the Customer.

