

DIMENSION ENCLOSURE CHART

Non Metallic Gaskets, Drawing No: ASIAN/ NMG/ 002
(Non Asbestos, Rubber, Graphite, PTFE & Steel Insert Gaskets)

Dimensions of Non Metallic Gasket as per ASME B16.21 to Suit ASME B16.5, Pipe Flange and Flanged Fittings, 300#, 400#, 600# and 900#

Flange Size (NPS)	Flat Ring Gasket					
	Inner Diameter	Outer Diameter				
		150 #	300 #	400 #	600 #	900 #
1/2"	21.00	48.00	54.00	54.00	54.00	64.00
3/4"	27.00	57.00	67.00	67.00	67.00	70.00
1"	33.00	67.00	73.00	73.00	73.00	79.00
1 1/4"	42.00	76.00	83.00	83.00	83.00	89.00
1 1/2"	48.00	86.00	95.00	95.00	95.00	98.00
2"	60.00	105.00	111.00	111.00	111.00	143.00
2 1/2"	73.00	124.00	130.00	130.00	130.00	165.00
3"	89.00	137.00	149.00	149.00	149.00	168.00
3 1/2"	102.00	162.00	165.00	162.00	162.00	Note 6
4"	114.00	175.00	181.00	178.00	194.00	206.00
5"	141.00	197.00	216.00	213.00	241.00	248.00
6"	168.00	222.00	251.00	248.00	267.00	289.00
8"	219.00	279.00	308.00	305.00	321.00	359.00
10"	273.00	340.00	362.00	359.00	400.00	435.00
12"	324.00	410.00	422.00	419.00	457.00	498.00
14"	356.00	451.00	486.00	483.00	492.00	521.00
16"	406.00	514.00	540.00	537.00	565.00	575.00
18"	457.00	549.00	597.00	594.00	613.00	638.00
20"	508.00	606.00	654.00	648.00	683.00	699.00
22"	559.00	660.00	705.00	702.00	733.00	Note 6
24"	610.00	718.00	775.00	768.00	791.00	838.00

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. There are no Class 900 flanges NPS 3.1/2 & NPS 22
7. The thickness of the Gasket shall be given by the Customer.