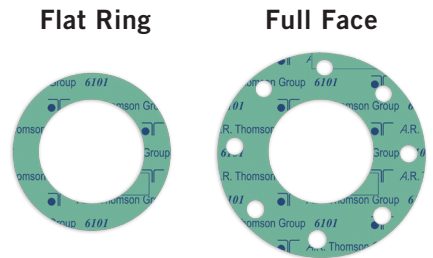
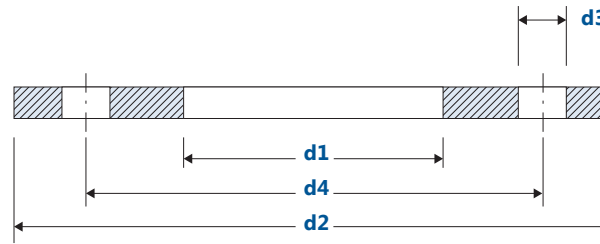


Non Metallic Gasket Dimensions

NPS 22 to 60 in. Series A

ASME B16.21 Non Metallic Gaskets
For ASME B16.47 Series A (MSS SP-44) Flanges



Class 150 LB

| Nominal Pipe Size | Gasket I.D. | FLAT RING O.D. | FULL FACE* | | | |
|-------------------|-------------|----------------|------------|-----------------|--------------|----------------|
| | | | O.D. | # of Bolt Holes | Bolt Hole D. | Bolt Circle D. |
| | d1 | | d2 | | d3 | d4 |
| 22 | 22.00 | 26.00 | - | - | - | - |
| 26 | 26.00 | 30.50 | 34.25 | 24 | 1.38 | 31.75 |
| 28 | 28.00 | 32.75 | 36.50 | 28 | 1.38 | 34.00 |
| 30 | 30.00 | 34.75 | 38.75 | 28 | 1.38 | 36.00 |
| 32 | 32.00 | 37.00 | 41.75 | 28 | 1.62 | 38.50 |
| 34 | 34.00 | 39.00 | 43.75 | 32 | 1.62 | 40.50 |
| 36 | 36.00 | 41.25 | 46.00 | 32 | 1.62 | 42.75 |
| 38 | 38.00 | 43.75 | 48.75 | 32 | 1.62 | 45.25 |
| 40 | 40.00 | 45.75 | 50.75 | 36 | 1.62 | 47.25 |
| 42 | 42.00 | 48.00 | 53.00 | 36 | 1.62 | 49.50 |
| 44 | 44.00 | 50.25 | 55.25 | 40 | 1.62 | 51.75 |
| 46 | 46.00 | 52.25 | 57.25 | 40 | 1.62 | 53.75 |
| 48 | 48.00 | 54.50 | 59.50 | 44 | 1.62 | 56.00 |
| 50 | 50.00 | 56.50 | 61.75 | 44 | 1.88 | 58.25 |
| 52 | 52.00 | 58.75 | 64.00 | 44 | 1.88 | 60.50 |
| 54 | 54.00 | 61.00 | 66.25 | 44 | 1.88 | 62.75 |
| 56 | 56.00 | 63.25 | 68.75 | 48 | 1.88 | 65.00 |
| 58 | 58.00 | 65.50 | 71.00 | 48 | 1.88 | 67.25 |
| 60 | 60.00 | 67.50 | 73.00 | 52 | 1.88 | 69.25 |

Class 300 LB

| Nominal Pipe Size | Gasket I.D. | FLAT RING O.D. | FULL FACE* | | | |
|-------------------|-------------|----------------|------------|-----------------|--------------|----------------|
| | | | O.D. | # of Bolt Holes | Bolt Hole D. | Bolt Circle D. |
| | d1 | | d2 | | d3 | d4 |
| 22 | 22.00 | 27.75 | - | - | - | - |
| 26 | 26.00 | 32.88 | 38.25 | 28 | 1.75 | 34.50 |
| 28 | 28.00 | 35.38 | 40.75 | 28 | 1.75 | 37.00 |
| 30 | 30.00 | 37.50 | 43.00 | 28 | 1.88 | 39.25 |
| 32 | 32.00 | 39.62 | 45.25 | 28 | 2.00 | 41.50 |
| 34 | 34.00 | 41.62 | 47.50 | 28 | 2.00 | 43.50 |
| 36 | 36.00 | 44.00 | 50.00 | 32 | 2.12 | 46.00 |
| 38 | 38.00 | 41.50 | 46.00 | 32 | 1.62 | 43.00 |
| 40 | 40.00 | 43.88 | 48.75 | 32 | 1.75 | 45.50 |
| 42 | 42.00 | 45.88 | 50.75 | 32 | 1.75 | 47.50 |
| 44 | 44.00 | 48.00 | 53.25 | 32 | 1.88 | 49.75 |
| 46 | 46.00 | 50.12 | 55.75 | 28 | 2.00 | 52.00 |
| 48 | 48.00 | 52.12 | 57.75 | 32 | 2.00 | 54.00 |
| 50 | 50.00 | 54.25 | 60.25 | 32 | 2.12 | 56.25 |
| 52 | 52.00 | 56.25 | 62.25 | 32 | 2.12 | 58.25 |
| 54 | 54.00 | 58.75 | 65.25 | 28 | 2.38 | 61.00 |
| 56 | 56.00 | 60.75 | 67.25 | 28 | 2.38 | 63.00 |
| 58 | 58.00 | 62.75 | 69.25 | 32 | 2.38 | 65.00 |
| 60 | 60.00 | 64.75 | 71.25 | 32 | 2.38 | 67.00 |

General notes: Dimensions in inches.
d1 = Gasket I.D. (inner diameter)
d2 = Gasket Full Face O.D. (outer diameter)

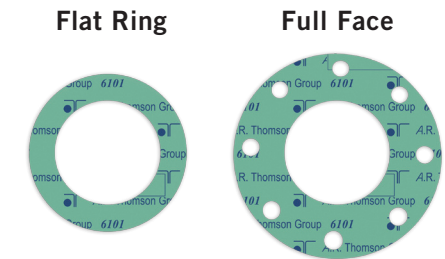
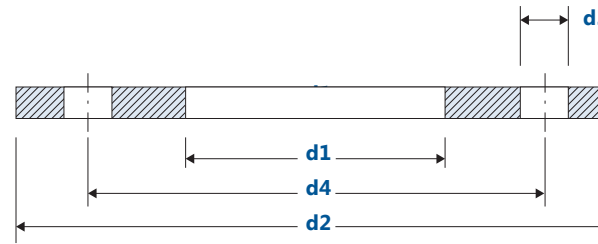
d3 = Gasket Full Face Bolt Hole Diameter
d4 = Gasket Full Face Bolt Circle Diameter

* Dimensions are not included in ASME B16.21 Code.

Non Metallic Gasket Dimensions

NPS 22 to 60 in. Series A

ASME B16.21 Non Metallic Gaskets
For ASME B16.47 Series A (MSS SP-44) Flanges



Class 400 LB

| Nominal Pipe Size | Gasket I.D. | FLAT RING O.D. | FULL FACE* | | | |
|-------------------|--------------|----------------|------------|-----------------|-----------------|-------------------|
| | d1 | | O.D. d2 | # of Bolt Holes | Bolt Hole D. d3 | Bolt Circle D. d4 |
| 22 | 22.00 | 27.63 | - | - | - | - |
| 26 | 26.00 | 32.75 | 38.25 | 28 | 1.88 | 34.50 |
| 28 | 28.00 | 35.12 | 40.75 | 28 | 2.00 | 37.00 |
| 30 | 30.00 | 37.25 | 43.00 | 28 | 2.12 | 39.25 |
| 32 | 32.00 | 39.50 | 45.25 | 28 | 2.12 | 41.50 |
| 34 | 34.00 | 41.50 | 47.50 | 28 | 2.12 | 43.50 |
| 36 | 36.00 | 44.00 | 50.00 | 32 | 2.12 | 46.00 |
| 38-60 | Use Series B | | | | | |

Class 600 LB

| Nominal Pipe Size | Gasket I.D. | FLAT RING O.D. | FULL FACE* | | | |
|-------------------|--------------|----------------|------------|-----------------|-----------------|-------------------|
| | d1 | | O.D. d2 | # of Bolt Holes | Bolt Hole D. d3 | Bolt Circle D. d4 |
| 22 | 22.00 | 28.88 | - | - | - | - |
| 26 | 26.00 | 34.12 | 40.00 | 28 | 2.00 | 36.00 |
| 28 | 28.00 | 36.00 | 42.25 | 28 | 2.12 | 38.00 |
| 30 | 30.00 | 38.25 | 44.50 | 28 | 2.12 | 40.25 |
| 32 | 32.00 | 40.25 | 47.00 | 28 | 2.38 | 42.50 |
| 34 | 34.00 | 42.25 | 49.00 | 28 | 2.38 | 44.50 |
| 36 | 36.00 | 44.50 | 51.75 | 28 | 2.62 | 47.00 |
| 38-60 | Use Series B | | | | | |

Class 900 LB

| Nominal Pipe Size | Gasket I.D. | FLAT RING O.D. | FULL FACE* | | | |
|-------------------|--------------|----------------|------------|-----------------|-----------------|-------------------|
| | d1 | | O.D. d2 | # of Bolt Holes | Bolt Hole D. d3 | Bolt Circle D. d4 |
| 26 | 26.00 | 34.75 | 42.75 | 20 | 2.88 | 37.50 |
| 28 | 28.00 | 37.25 | 46.00 | 20 | 3.12 | 40.25 |
| 30 | 30.00 | 39.75 | 48.50 | 20 | 3.12 | 42.75 |
| 32 | 32.00 | 42.25 | 51.75 | 20 | 3.38 | 45.50 |
| 34 | 34.00 | 44.75 | 55.00 | 20 | 3.62 | 48.25 |
| 36 | 36.00 | 47.25 | 57.50 | 20 | 3.62 | 50.75 |
| 38-60 | Use Series B | | | | | |

* Dimensions are not included in ASME B16.21 Code.