

GENERAL TOLERANCES

The following tables provide general tolerances for non-mechanical parts supplied by JHC Specialised Solutions. It is important to note that all flat die-cut, moulded and extruded gaskets are subject to a free-state variation in the unrestrained condition. The use of inspection fixtures to verify conformance of finished parts is common and recommended where appropriate.

Also note that "Overall Dimensions" for flat die-cut gaskets and moulded gaskets includes any feature-to-feature dimensions (e.g. edge-to-edge, edge-to-hole, hole-to-hole). Edge to Hole minimum distance will be 1.5 x material thickness.

Flat Die-Cut Gaskets

Overall Dimensions

≤ 254	± 0.25
>254 to 381	± 0.51
>381	$\pm 0.2\%$ Nominal Dim.

Thickness

0.51	± 0.1
0.81	± 0.13
1.14	± 0.15
1.57	± 0.18
2.36	± 0.25
3.18	± 0.25
>3.18	Contact JHC

Hole Diameters

>1.52 dia. if sheet thickness is;	
≤ 1.57	± 0.13
>1.57	± 0.2

Moulded Gaskets

Overall Dimensions

2.54 to 38.1	± 0.25
38.13 to 63.5	± 0.38
63.53 to 114.3	± 0.51
114.33 to 177.8	± 0.64
>177.8	$\pm 0.35\%$ Nominal Dim.

Cross section

1.02 to 1.75	± 0.08
1.78 to 2.54	± 0.11
2.57 to 5.08	± 0.13
5.11 to 8.89	± 0.2

Flash Tolerance

0.13 Max. Thickness
0.2 Max. Extension

Extruded Strip Gaskets

Cut Length

<math>< 25.4</math>	± 0.25
25.4 to 762	± 1.58
>762	$\pm 0.2\%$ Nominal Dim.

Cross Section

<math>< 5.08</math>	± 0.13
5.08 to 8.86	± 0.2
8.89 to 12.7	± 0.25
>12.7	$\pm 0.3\%$ Nominal Dim.

Other materials supplied attract specific tolerances. E.g. Neoprene, Rubber, etc. Please refer to appropriate data sheets.

All Dimensions are in mm