

Quality System Document / 01

Works Instruction / Specification WI 007



Operation / Subject and General conditions

Cut product tolerances (formerly ASG001). The following dimensional tolerances shall at all times be in force on products supplied by Advanced Seals and Gaskets Ltd, unless explicitly modified, in advance and in writing, by Advanced Seals and Gaskets Ltd, for a specific works order.

Strip (width) and gasket dimensional tolerances

Dimension (mm)	Tolerance (mm)
1 mm to 10 mm	± 0.5 mm
10.1 mm to 25 mm	± 1.0 mm
25.1 mm to 100 mm	± 1.5 mm
100.1 mm to 250 mm	± 2.0 mm
250.1 mm to 500 mm	± 3.0 mm
500.1 mm to 1000 mm	± 6.0 mm

Sheet, strip and gasket thickness tolerances

Thickness (mm)	A347 Expanded PVC foam	A318 / A325 High temperature EPDM	A360 Industrial felt (average)	A330 Industrial Sponge Rubber	A314 Semi Open Cell EPDM	All other materials
1 mm		± 0.5mm	± 20% / 25%	± 0.381 mm	N/A	± 0.25 mm
1.5 mm		± 0.5mm	± 20% / 25%	± 0.381 mm	N/A	± 0.25 mm
2 mm	± 0.6 mm	-0.5 mm +0.5 mm	± 20% / 25%	± 0.381 mm	N/A	± 0.28 mm
3 mm	± 0.8 mm	-0.3 mm +0.7 mm	± 20% / 25%	± 0.381 mm	± 0.6mm	± 0.3 mm
4 mm	± 1.0 mm	-0.4 mm +0.6 mm	± 15% / 20%	± 0.381 mm	± 0.8mm	± 0.4 mm
5 mm	± 1.2 mm	-0.5 mm +0.8 mm	± 15% / 20%	± 0.762 mm	± 1mm	± 0.5 mm
6 mm	± 1.4 mm	-0.6 mm +1.2 mm	± 15% / 20%	± 0.762 mm	± 1.2mm	± 0.6 mm
7 mm	± 1.6 mm	± 10%	± 15% / 20%	± 0.762 mm	± 1.4mm	± 0.7 mm
8 mm	± 1.8 mm	± 10%	± 15% / 20%	± 0.762 mm	± 1.6mm	± 0.8 mm
9 mm	± 2.0 mm	± 10%	± 15% / 20%	± 0.762 mm	± 1.8mm	± 0.9 mm
10 mm	± 2.4 mm	± 10%	± 15% / 20%	± 0.762 mm	± 2mm	± 1.0 mm
12 mm		± 10%	± 10% / 15%	± 0.762 mm	± 2.4mm	± 1.2 mm
16 mm		± 10%	± 10% / 15%	± 1.524 mm	± 2.8mm	± 1.6 mm
19 mm		± 10%	± 10% / 15%	± 1.524 mm	± 3.8mm	± 1.9 mm
>= 25 mm		± 10%	± 10% / 15%	± 1.524 mm	± 20%	± 10%

Roll and sheet dimensional tolerances

Width 1000 mm	± 25.0 mm
Length 2000 mm	± 50.0 mm

Change Control Date

Change Control Date	Change
14/04/2014	Created
27/08/2014	Roll and sheet length dimensional tolerance added
25/09/2014	General conditions modified

Polymer Works, Hope Street
Dudley, West Midlands DY2 8RS

t: 01384 252555

f: 01384 252373

e: technical@advancedseals.co.uk



http://www.advancedseals.co.uk

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Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

04/06/2019	A318 / A325 Tolerance amendment for 1mm & 1.5mm thick from +/- 0.25 to +/- 0.5mm
04/06/2019	A330 Industrial Sponge Rubber commercial tolerances added in independent column
10/06/2020	A314 Semi Open Cell EPDM commercial tolerances added in independent column



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

