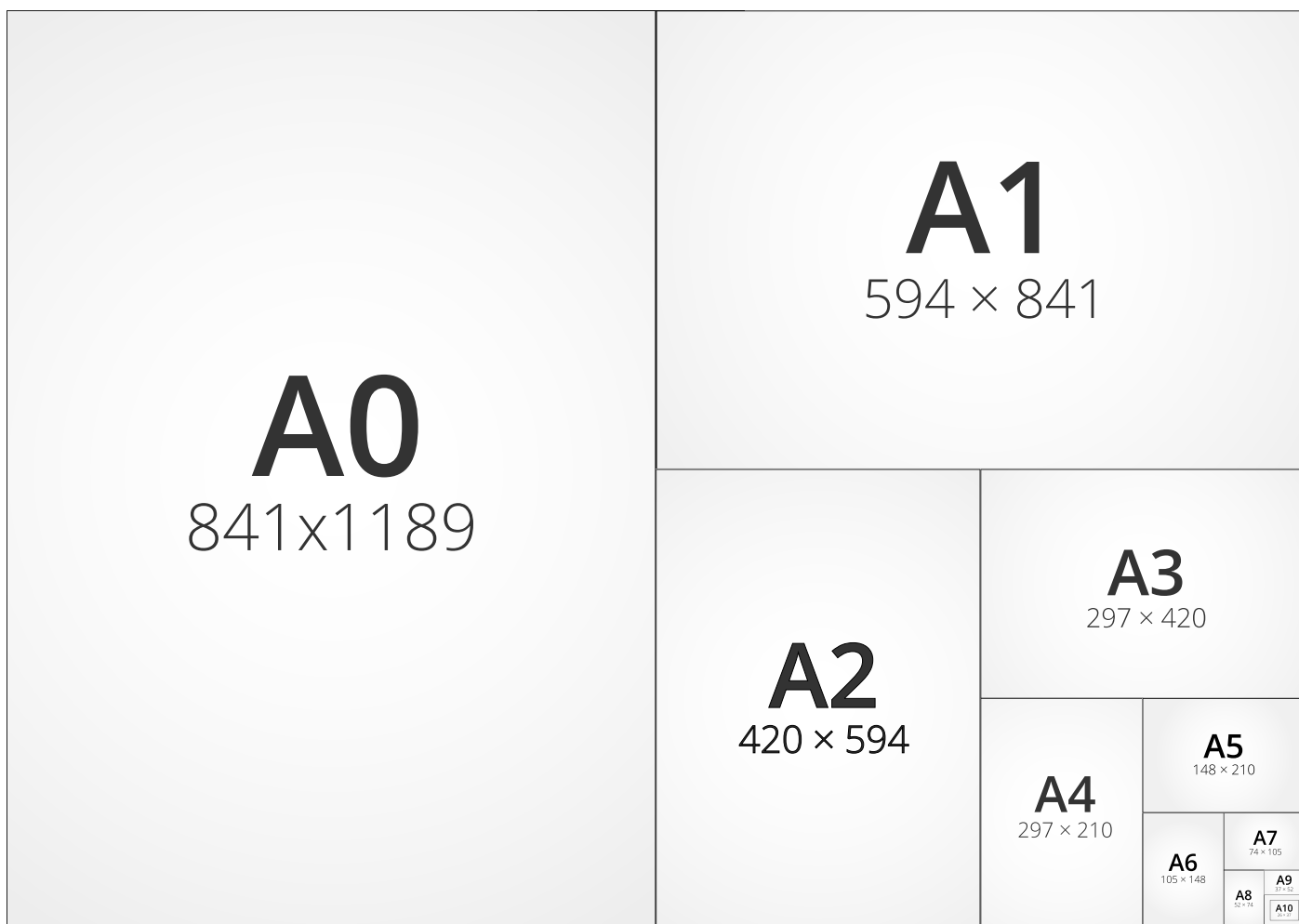# Paper Sizes Explained

ISO A paper sizes

The A paper size system was formally adopted in Europe in the 19th century and has since spread around the world. It is now used in nearly every country apart from the USA and Canada. A4 is the most common standard business letter size used in English speaking countries.

The A-series consists of a logical set of paper sizes that are defined by the ISO 216 standard. The largest size A0 measures one square meter. The height/width ratio remains constant (1:1.41) for all sizes. This simple means you get the A1 size by folding an A0 paper in two along its short side. Then fold the A1 size in two to get an A2 size paper, and so on.

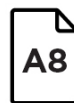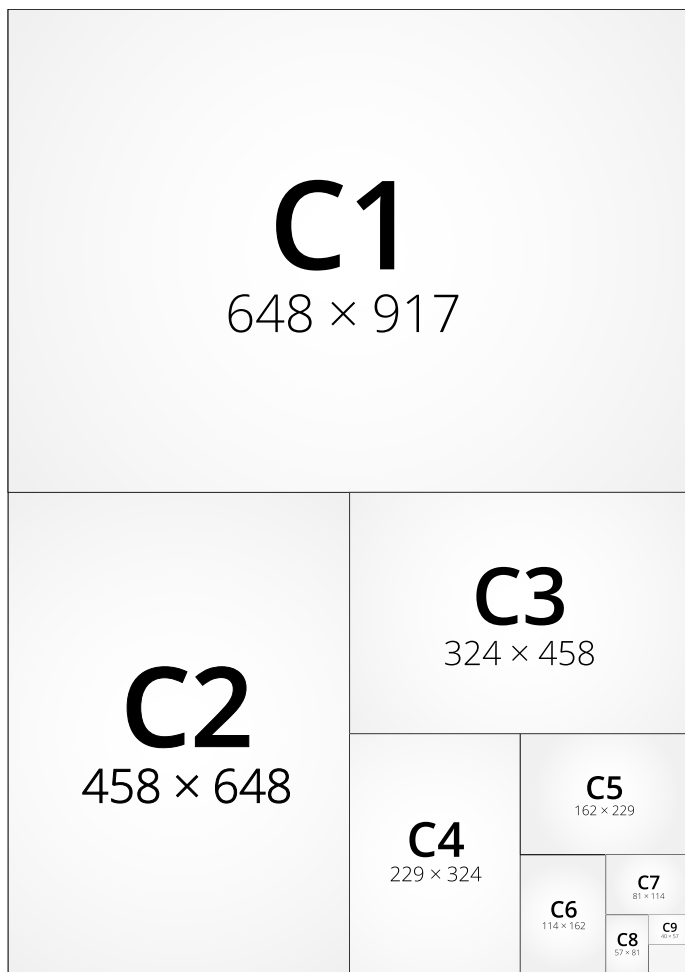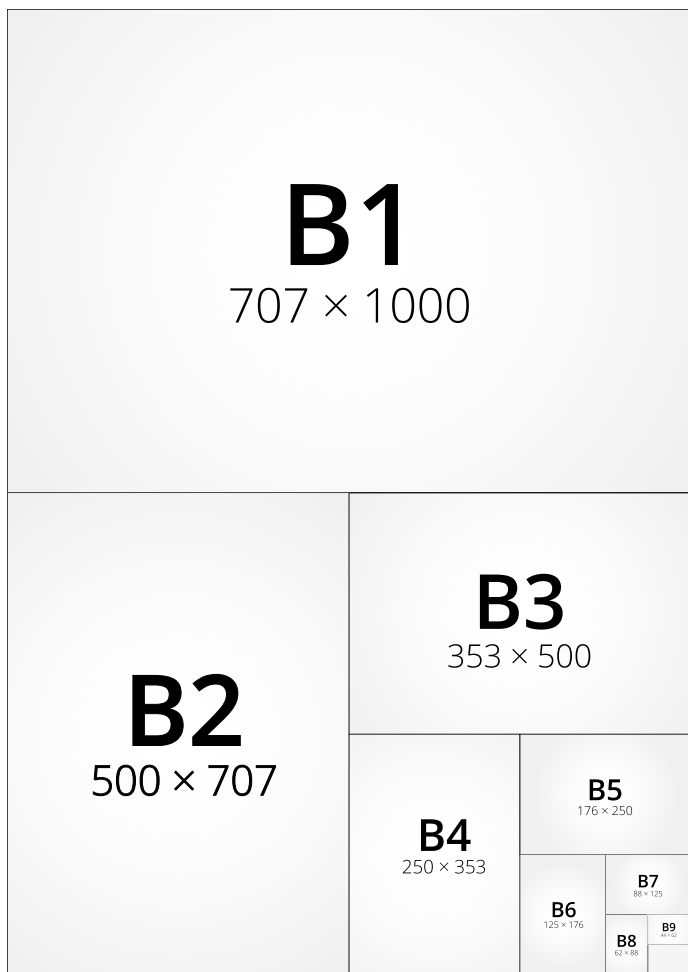| A0	841 x 1189mm 33.11 x 46.81 inches	A1	594 x 841mm 23.39 x 33.11 inches	A2	420 x 841mm 16.54 x 23.39 inches
A3	297 x 420mm 11.69 x 16.54 inches	A4	210 x 297mm 8.27 x 11.69 inches	A5	148 x 210mm 5.83 x 8.27 inches
A6	105 x 148mm 4.13 x 5.83 inches	A7	74 x 105mm 2.91 x 4.13 inches	A8	52 x 74mm 2.05 x 2.91 inches

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ISO B paper sizes

The dimensions of the B series paper sizes are defined by the ISO 216 international paper size standard. The B series is not as common as the A series. The B series uses an aspect ratio of 1:√2. The area of the B series paper sheets is the geometric mean of the A series sheets. For example, B1 is between A0 and A1 in size.

ISO C paper sizes

The dimensions of the C series sizes are defined by the ISO 269 paper size standard. The C series is most commonly used for envelopes. The aspect ratio of C series envelopes is 1:√2, and this means that an A4 sheet of paper when folded in half, parallel to its smaller sides, will fit nicely into a C5 envelope.

B1
707 × 1000

B2
500 × 707

B3
353 × 500

B4
250 × 353

B5
176 × 250

B6
125 × 176

B7
88 × 125

B8
62 × 88

B9
44 × 62

C1
648 × 917

C2
458 × 648

C3
324 × 458

C4
229 × 324

C5
162 × 229

C6
114 × 162

C7
81 × 114

C8
57 × 81

C9
40 × 57

B1 707 x 1000mm 27.83 x 39.37 inches	**B2** 500 x 707mm 19.69 x 27.83 inches	**C1** 917 x 648mm 36.1 x 25.51 inches	**C2** 648 x 458mm 25.51 x 18.03 inches
B3 353 x 500mm 13.90 x 19.69 inches	**B4** 250 x 353mm 9.84 x 13.90 inches	**C3** 458 x 324mm 18.03 x 12.76 inches	**C4** 324 x 229mm 12.76 x 9.02 inches
B5 176 x 250mm 6.93 x 9.84 inches	**B6** 125 x 176mm 4.92 x 6.93 inches	**C5** 229 x 162mm 9.02 x 6.38 inches	**C6** 162 x 114mm 6.38 x 4.49 inches
B7 88 x 125mm 3.46 x 4.92 inches	**B8** 62 x 88mm 2.44 x 3.46 inches	**C7** 114 x 81mm 4.49 x 3.2 inches	**C8** 81 x 57mm 3.2 x 2.2 inches

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