

DIY Window Tint

Window Measurement (please read all the following instructions first)

The first thing that you should do is measure the windows that you intend to tint.

Note: All window tinting is measured and installed on the inside surface of the window, it is not applied to the outside.

Measure your windows and choose a Cut Film Kit:

- Cut Length - buy lengths of film to suit your overall film requirements, then cut & install according to your measurement plan. Follow the measuring instructions below (steps 1 - 13), then purchase the required film lengths online.
- Window Pack - most domestic windows are within certain common sizes, just choose the pack that fits your window measurements. Follow the measuring instructions below (steps 1 - 5), then choose which window packs meet your requirements and purchase your required film packs online.
- Cut Size - email your window sizes for a quote and have film cut to individual pane size (additional warehouse cutting fee included in quote). Follow the measuring instructions below (steps 1 - 5), then email (or post) the measurements to me. I will reply with a quote (based on your measurements) and a link for payment arrangements for your 'cut size' film. (note: film is cut slightly oversize to allow for final trimming)

What you will need - You will need a pen or pencil, some sheets of paper or notebook and a calculator.

You will also need a tape measure -

Imperial - preferably marked in linear inches ie 12", 13", 14" etc. Measurements are easiest in linear inches ie 33", not 2' 9". If not then you will have to convert your measurements to linear inches. (' is notation for feet, " is for inches.)

Metric - measurements should be taken in linear millimetres (mm) not in metres, nor in combined cm & mm.

Information note only: It will not be necessary to know the area of film needed. However, the formula is as follows;

Imperial - Multiply the total length (in inches) of film required by the roll width (in inches), this will give you square inches. Next divide by 144 to obtain square footage.

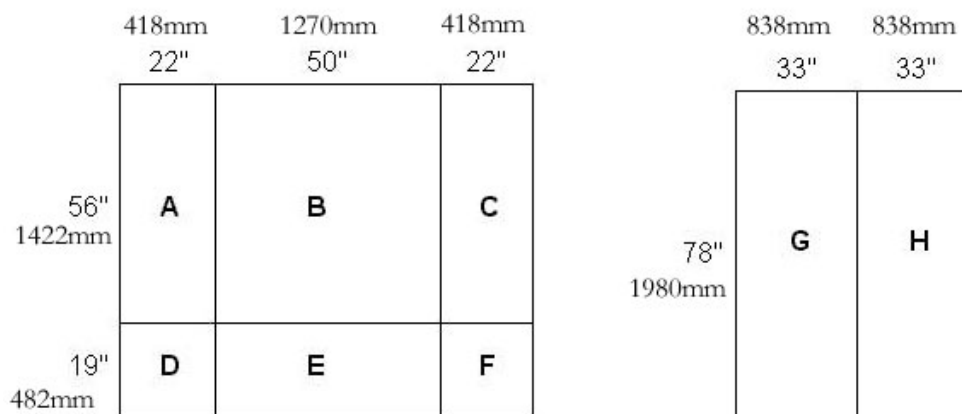
Metric - Multiply the roll width (in metres) by the total length (in metres) with the result being square metres (eg .914 x 3.96 = 3.619 sq mtr)

Measurement is usually done in Imperial. This is because virtually all window film is manufactured in the USA and the unit of measurement is linear inches and calculations are carried out in square feet.

Imperial/Metric Conversion - there are 10.764 sq ft per sq metre (ie 1 square foot is 0.092903 square metres) & 25.4mm to 1 inch.

Window tint film is manufactured in 36" (914mm), 48" (1219mm) and 60" (1524mm) wide rolls.

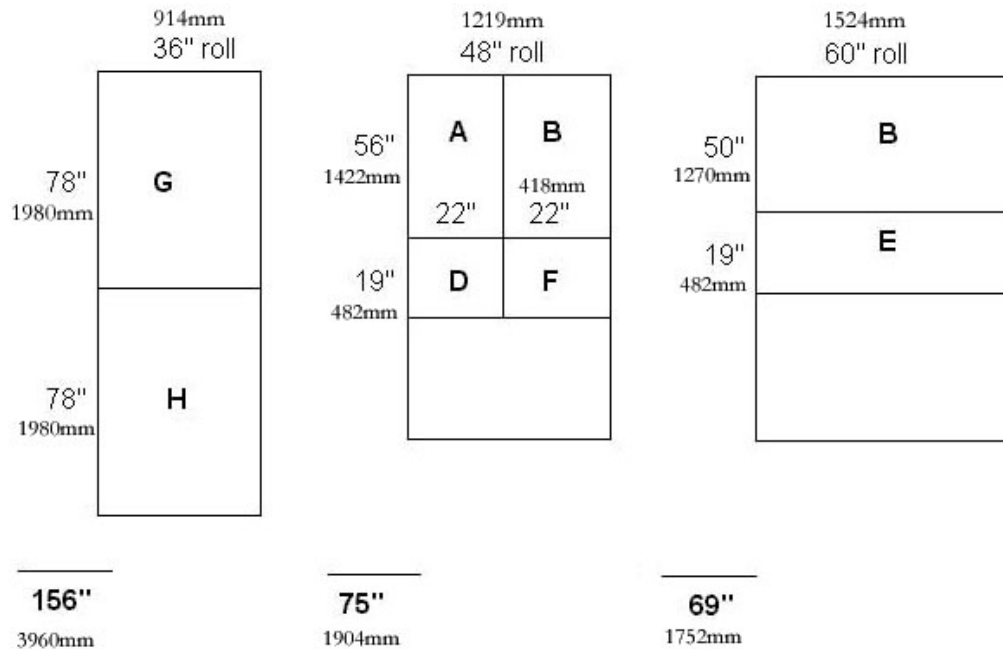
1. Using a sheet of paper, do a rough sketch of the window layout as in example diagram (item 4 - example is in Imperial & Metric).
2. Measure each pane of glass (only the glass area, do not include the window frame) and write the figure down next to the top, side or bottom that was measured. Do not use fractions, use the next whole number and this will insure that the piece of film you cut is not too small for the window. I always add 1 inch (25mm) to the measurement to allow that little extra room for correct trimming to size.
3. Label each pane of glass on your diagram with a letter of the alphabet (see item 4), this will help you work out how much film you need to purchase. Keep a copy of the diagram, as it will be helpful when installing the film.
4. Windowpane sketch.



5. Next you will need to decide which type of film you want to install on the window or windows. Visit the website www.aussietint.com.au/content/section/4/29/ and read the specifications on each of the films available and decide which film/s will be the most suitable for your needs. Write the film code next to the windowpane on the sketch. You can have different films on windows that receive different amounts of sun. Keep in mind that it is best not to install dark films on windows that only get winter sun and to use stronger heat control films on windows that get the full summer sun. Use hi-performance films if you wish to retain good light levels with reasonable heat control.
6. The next bit will require you to overlay each of the sketched windowpanes onto a sketch representing the roll widths of film. This will become your cutting plan.

7. Using another piece of paper draw 3 long vertical boxes, these represent lengths of film and label the head of each as 36", 48" or 60" (or use metric equivalent). Next arrange the windowpanes so as to make the best use of film width and to minimise film wastage. Use separate sheets of paper for each type of window film (if using more than one type) and write the film code on it.

8. Film cutting plan



At the bottom of each "roll", total up the linear measurement;

- 36" width roll totals 156" (3960mm)
- 48" width roll totals 75" (1904mm)
- 60" width roll totals 69" (1752mm)

9. The 'cut length' film kits are measured in one (1) metre increments from the roll, and are cut in one continuous length – i.e. 4 metre length from the 36" (914mm) width roll.

10. So the total required for the above example would be;

- 4mtr x 36" (914mm)
- 2mtr x 48" (1219mm)
- 2mtr x 60" (1524mm)

11. With careful arrangement of the window panes (item 4) onto the film cutting plan (item 8), you may be able to minimise the amount of film needed. Any surplus film you have after cutting film to plan can be used to practice installation on a small window or piece of glass. (tip - it's a good idea to order a little more film than you need to use for practice if installing tint for the first time)

12. Take your time and work out how much film you really need. When the film arrives and you are ready to install, follow the installation instructions and practice with some film off-cuts. Most importantly just take your time.

13. Before ordering your film, you will also need to decide which tools you need to have for installation. Most tools are available from hardware or cleaning supply stores, however if you are unable to source the tools locally, you may also purchase them individually or in kit form.

There are 2 installation tool kits available;

The Basic Kit is more cost effective if you are intending to only tint a few windows. You will have all the tools necessary to complete the installation in a satisfactory manner without undue expense.

The Advanced Kit will give you some more professional equipment that will make a larger job easier to complete. Ideal if you are going to be tinting a whole house or office.

Caution & Disclaimer - both toolkits contain a variety of razor/surgical sharp blades and knives, absolutely no responsibility will be taken by Johnno's AussieTint (Joraen - ABN 62 642 913 061- joraen.com.au, aussietint.com, shopaussie.com) for any injury or damage caused, either to person or property, by the use or misuse of any of the blades, knives or other tools. Use of any of the tools constitutes acceptance of these conditions. Neither shall responsibility be taken for the suitability of any window film used, user shall accept all responsibility for the suitability and application of the window film/s. Neither shall any warranty or guarantee apply to either the film or installation. Glass that is damaged, cracked or chipped should be replaced prior to installation of film. Applying film to damaged glass may result in further cracking or heat/stress fractures and no liability shall be accepted for damage or injury, either direct or consequential, to any person or property resulting from the installation of window film.