



## SCREEN PRINTING : 4 COLOUR PROCESS

### Image preparation

1. Open your image in Photoshop.

Resize your image.

*Go to Image : Image size:*

*Enter the dimensions of your final print size.*

*Enter the resolution - 300dpi.*

2. Change the image mode

*Go to Image : mode : cmyk*

3. Make any adjustments to colour / brightness / contrast as desired.

4. Separate the layers

*Go to Window : Channels and from the drop down menu select Split Channels*

5. You will now see each layer as a greyscale image on separate pages.

Each layer now needs to be converted to a halftone.

*Go to Image : mode : bitmap*

*Enter output - 600*

*Choose method - Halftone*

*Click ok.*

*Frequency (lpi) : max 40 for 90t mesh screens. (The lower the number, the bigger the dot.)*

The angle changes for each layer:

*Angle Yellow - 37*

*Magenta - 67*

*Cyan - 97*

*Black - 7*

*Shape - round or ellipse*

Save each layer, and remember to label each colour!

You might want to add registration marks and labels before printing on to film as it can be very difficult to tell which colour is which as they come out of the printer!