

Visualite Contrast Filters

Application guide for Visualite Contrast Filters

The Visualite Contrast Filters that are available from Visualux Ltd are manufactured from the highest quality polymers currently available world-wide. The standard thickness for these filters is 1.5mm but custom thicknesses are available, to special order, and are available in increments of 0.1mm starting from 0.5mm.

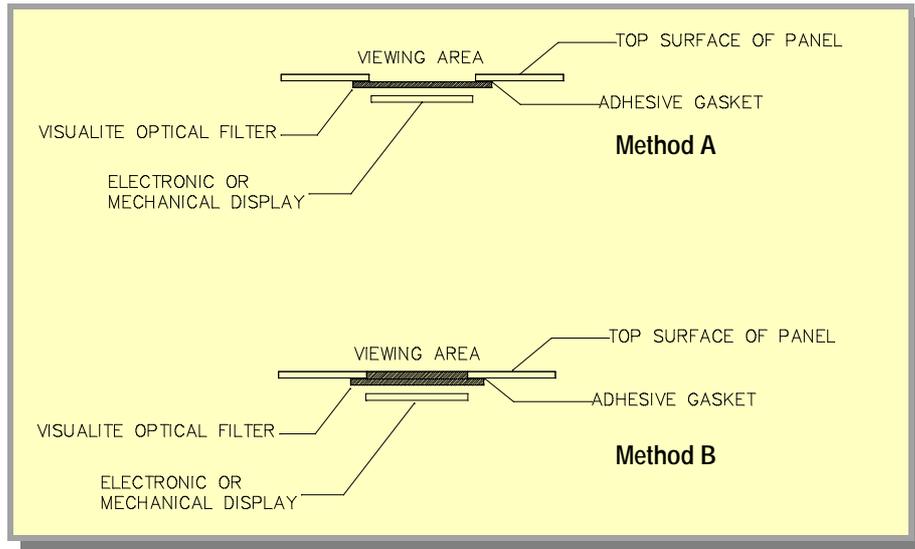
| COLOUR | SUGGESTED USE (Display type) |
|---------------|--------------------------------------|
| * Red 2424 | L.E.D. |
| *Red 6400 | L.E.D. or Plasma |
| Red 6531 | High brightness or matched L.E.Ds |
| Green 4720 | Vacuum Fluorescent |
| * Green 4748 | L.E.D. (Green) |
| Grey 2711 | Any single or multi coloured display |
| * Grey 2064-2 | Any single or multi coloured display |
| * Grey 7210 | Any single or multi coloured display |
| * Yellow 5425 | Electroluminescent |
| * Amber 5423 | Plasma |
| Blue 3214 | Blue LED or Vacuum Fluorescent |
| Clear 0000 | L.C.D. or any display |

* Denotes non standard colours - minimum purchase quantities apply

- Manufactured from High Grade Optical Acrylic
- Standard thickness 1.5mm - Other thicknesses available to order
- Standard thickness tolerance an unrivalled +/- 10%
- Available with our VT600 anti glare treatment

Your Visualite Contrast Filter is available as a custom cut to size part or can be purchased as a complete sheet for your own fabrication. Machining options are also available for customising your parts - a full design and development team is available to help with any design problems that might be encountered.

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Above are shown two preferred methods of fixing a Visualite Contrast Filter

Method A

This is the most cost effective way of fixing. The Visualite Contrast Filter is supplied as a square or rectangle and is bonded to the underside of the front panel by using a suitable sealant or double sided gasket.

Method B

This method, although more expensive than Method A, gives a more professional and aesthetically pleasing look to the front panel. The Visualite Contrast Filter is supplied with a machined ledge around the perimeter of the filter. The ledge is usually between 5-10 mm wide, depending on the size of the filter, and the depth of the ledge is usually the same as the thickness of the front panel into which it will be fitted. As with Method A, a suitable sealant or double sided gasket should be used for fixing. A major advantage of using this method of fixing is that the Visualite Contrast Filter will be fixed level with the top surface of the front panel thus minimising the build up of dirt and dust in the viewing area.