

Technical Data Sheet

Permanent Ink – Art Marker Bases Series

Blend your own colour shades using our alcohol-based art marker base series. Unique colours can be achieved by mixing different combinations of the 9 base inks in an infinite number of different ratios*. Perfect for arts and crafts, art marker inks are suitable for use with both standard and fine liner nibs to produce artwork on a range of surfaces, including paper and card. These inks not only provide a gateway to a world of colour combinations, but they also have cap-off protection** and have cap-off protection**. Regulatory information and compliance available on request.

*it is recommended to test and approve your colour combinations in your own components

**component dependent

● Standard Colours

Ink Colour	Typical Viscosity (20°C) (mPa.s)	Density (20°C) (g.cm ⁻³)	Surface Tension (mNm/m)
○ Art Marker Clear Base	3.0	0.94	27
● Art Marker Black Base	6.0	0.94	27
● Art Marker Blue Base	4.0	0.94	27
● Art Marker Aqua Base	4.0	0.94	27
● Art Marker Red Base	4.5	0.94	27
● Art Marker Orange Base	4.0	0.94	27
● Art Marker Yellow Base	4.0	0.94	27
● Art Marker Bright Yellow Base	4.5	0.94	27
● Art Marker Pink Base	4.0	0.94	27

● Component Selection Advice

For optimum performance, markers should ideally be stored in the horizontal orientation and should be capped securely.

Nib - Polyester or acrylic (high porosity) around 65%, extruded POM. Nylon nibs should be extensively tested before use.

Reservoir - Polyester with polypropylene wrapping and a density of 0.18 g.cm⁻³

Barrel - Polypropylene (PP), polyethylene (PE)

Head/tail caps - Polypropylene (PP), polyethylene (PE), BS 7272-1:2008 compliant

Please test and approve our inks in your own components

● Shelf Life

The shelf life of art marker base inks is 12 months from receipt when stored in the original sealed containers. It is recommended to store the inks between 10°C and 30°C.

Drums should be stored for at least 24 hours at room temperature (around 20°C) and then thoroughly agitated before to use.

Caution: Permanent inks are flammable liquids, so please handle accordingly. For more information, please refer to the Material Safety Data Sheet.

✉ For further information please email lab@multichem.net

Disclaimer: It is your responsibility as the writing instrument manufacturer to establish the overall safety and fitness for purpose of the marker components incorporating our inks and to establish overall compliance to regulations and legislation related to the industry. All marker pen components should be thoroughly tested by you for compatibility with our inks. Multichem makes no guarantees (either express or implied) with respect to this technical data or our advice regarding component selection. Multichem will not accept any liability for any loss arising in connection with this technical data or the recommendations expressed within (other than that resulting from our gross negligence). Please contact your component suppliers for more specific advice regarding component suitability and selection. The information contained within this technical data sheet is not exhaustive and you should verify the performance of your final product.