

Technical Data Sheet

Fluorescent Paint Marker Ink – FPM2 Series

Multichem's fluorescent paint marker inks are the perfect supplement to our standard and metallic ranges. Our low odour alcohol-based inks are ideal for indoor craft projects. Suitable for marking glass, metal, wood, plastic and most porous and non-porous surfaces to leave an intense permanent mark with high visibility. The exciting possibilities for using this ink are endless. Regulatory information and compliance available on request.

Standard Colours

Ink Colour	Pantone References*	Typical Viscosity (20°C) (mPa.s)	Density (20°C) (g.cm ⁻³)	Surface Tension (mNm/m)
● FPM2 Zesty Lemon	803 C	13.0	1.01	27
● FPM2 Fiery Amber	804 C	13.0	1.01	27
● FPM2 Flaming Orange	804 C	12.0	1.01	27
● FPM2 Radiant Red	805 C	14.0	1.01	27
● FPM2 Hot Pink	806 C	11.0	1.01	27
● FPM2 Brilliant Blue	801 C	11.0	1.01	27
● FPM2 Glowing Green	802 C	14.0	1.01	27
● FPM2 Vivid Violet	807 C	12.0	1.01	27

*Pantone references quoted are approximate to give an indication of colour shade

Component Selection Advice

FDE inks are designed for use with valve action markers. To avoid pressure build up, the valve should be activated after assembly by depressing the nib.

Nib - Polyester (high porosity) around 70%

Barrel - Polypropylene (PP), polyethylene (PE), aluminium

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

Please test and approve our inks in your own components

The shelf life of FPM2 inks is 24 months from receipt when stored in the original sealed containers. It is recommended to store the inks between 10°C and 30°C.

FPM2 inks readily settle out during storage. This is completely normal. Drums should be stored for at least 24 hours at room temperature (around 20°C) and then thoroughly agitated until the ink is uniform before to use. Continuous stirring is recommended whilst filling the marker components.

Caution: Paint marker 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

Shelf Life

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.