

Technical Data Sheet

Fluorescent Dry Erase Ink – FDE Series

Our fluorescent dry erase inks can be used in a wide range of applications. With 9 eye-catching colours to choose from, these inks are bright and luminous, perfect for creating displays and signs that stand out under both UV (black) light and normal daylight conditions. Visually striking on both black and white dry erase boards, our quick-drying formula erases easily from most types of dry erase surfaces and is ideal for creating attention-grabbing displays in cafes, at home or in the office. Regulatory information and compliance available on request.

● Standard Colours

Ink Colour	Pantone References*	Viscosity (20°C) (mPa.s)	Density (20°C) (g.cm ⁻³)	Surface Tension (mNm/m)
○ FDE Bright White 86A	N/A	50.0	1.01	27
○ FDE Arctic White	N/A	48.0	1.01	27
● FDE Zesty Lemon 58A	803 C	18.0	1.01	27
● FDE Fiery Amber 58B	804 C	17.0	1.01	27
● FDE Flaming Orange 58C	804 C	17.5	1.01	27
● FDE Radiant Red 58D	805 C	19.0	1.01	27
● FDE Hot Pink 58E	806 C	18.0	1.01	27
● FDE Brilliant Blue 58F	801 C	17.5	1.01	27
● FDE Glowing Green 58G	802 C	19.0	1.01	27
● FDE Vivid Violet 58I	807 C	19.5	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

● Shelf Life

The shelf life of FDE 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.

FDE 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: Whiteboard 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.