

# SolarFlex™ UVF Fluorescent Technical Data Sheet

SolarFlex UVF Fluorescent Inks are high performance products designed for application by flexo coater on paper, paperboard and film substrates. These inks have good lay, flexibility and adhesion. This product is recommended for NWTL applications, as well as Sheetfed applications on anilox coater.

## Typical Characteristics and Features

SolarFlex UVF Fluorescent inks are formulated to have the following properties:

- Flexo unit application
- Adhesion to a variety of substrate

## Technical Information and ink handling Application

SolarFlex UVF Fluorescent inks are typically applied with a flexo coater.

### Film Weight

Recommended film weight is 1.0 lbs./1000 ft<sup>2</sup>.

### Cure Conditions

SolarFlex UVF Fluorescent inks are cured at 150-250 fpm using a 400 wpi mercury vapour lamp.

### Viscosity

500 + cps, RVT Brookfield @ 77°F (25°C).

## Compatibilities

SolarFlex UVF Fluorescent inks are compatible with wet or dry UV inks, dry conventional offset inks, and water or solvent based inks. Inks should be free from wax and silicone. Avoid alkali sensitive pigments and metallic pigments. These inks are not recommended for stamping, gluing and imprinting.

Description	EMG Number	SAP Number 1-Gal Pail
UVF Fluorescent 801 Blue	TPRFV5487663	90936059
UVF Fluorescent 802 Green	TPRFV7487664	90936300
UVF Fluorescent 803 Yellow	TPIFV2483498	90943203
UVF Fluorescent 804 Orange	TPRFV3487665	90936301
UVF Fluorescent 805 Pink	TPRFV4487666	90936457
UVF Fluorescent 806 Red	TPRFV4487667	90936302
UVF Fluorescent 807 Purple	TPRFV6487668	90936303
UVF Fluorescent 808 Green	EU30700125	91159389
UVF Fluorescent 809 Yellow	EU30200128	91159386

## Clean-up

SolarFlex UVF Fluorescent inks can be cleaned using an alcohol based solvent wash.

## Storage Considerations

SolarFlex UVF Fluorescent inks should be stored at 72°F (22°C) in closed opaque containers and not exposed to heat or sunlight. The shelf life for this coating is six (6) months.

## Safety, Health and Environment

SolarFlex UVF Fluorescent inks are to be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Safety Data Sheet for specific information. Safety Data Sheets will be supplied.

Printing inks, coatings and printing residues should be disposed of in accordance with local and national regulations.

The information contained in this technical data sheet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. Our products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing.

