

Fusion Hybrid OSF LM2

Fusion™ Hybrid OSF LM2 (Low Migration) Process inks are a unique ink system that has been specifically formulated for indirect food packaging application where low migration and low odor inks are critical.

Fusion™ Hybrid OSF LM2 (Low Migration) Process are formulated to be compliant with the EuPIA Guideline on Printing Inks applied to the Non-Food Contact Surface of Food Packaging Materials and Articles. They utilize photoinitiators that are not toxicologically questionable or odorous.

They draw on our exclusive **Fusion™ Hybrid** chemistry, which cures using UV technology, but prints, handles and washes up like conventional (oil based) SF inks. **Fusion™ Hybrid LM2** inks are environmentally friendly; they are formulated without VOC solvents and qualify for the Soy Ink Seal.

PRODUCT FEATURES

- Low migration¹ and low odor
- ITX and Benzophenone free
- Environmentally friendly formulated without VOC solvents and qualifies for the Soy Ink Seal
- Exceptional adhesion to a wide variety of substrates, including paper, paperboard, polyboard, metalized paper, foil board and various synthetic substrates²
- Foil stampable and laser imprintable³
- Excellent flow and transfer
- Suitable for IML applications
- Washes up with many conventional press washes
- Expanded water window
- Excellent press stability and color balance comparable to the best conventional litho inks

¹Migration results are influenced by printing conditions and the barrier properties of the stock/substrate.

²Adhesion should always be checked prior to use

³Stampability and imprintability should always be checked prior to use.

REOLOGY FEATURES

range	
Tack	Viscosity
19 - 16 +/- 0.5	190 - 305 Poises

- Tack: 1200 rpm³
- Viscosity: 2500 sec.⁻¹

(range may vary depending on the equipment used.)

CURE SPEED

Adequate UV curing is required for this system. Cure speeds will be dependent upon film thickness, substrates and the type/condition of the UV curing equipment

STORAGE AND SHELF LIFE

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided
- For maximum shelf life (12 months from date of manufacture), closed containers should not be stored at temperatures in excess of 77°F (25°C)
- Surplus ink from press fountain should never be returned to original containers