

UV COATINGS FLEXO GLOSS 12113-FS

General Information

12113 is a UV curable with Bezophenone free topcoat specially designed to work on Flexographic applications. Typically this coating has outstanding flow and leveling properties and has excellent curing capability. It creates an even, smooth surface with high gloss and high scuff resistance, with superior flexibility for scoring and folding

Typical End Use

Magazine, Posters, Brochures, Leaflets, Packaging, Labels

Typical Properties

Low Odor, Low Viscosity, Solvent Free, can be further processed immediately.

At a Glance, This Coating;

Gluable/Imprintable	No	Flexibility	Good
Suitable Hot Stamping	No	Suitable for In-Line	Yes
Can be Applied via Pump	Yes	Suitable Direct Food Contact	No

Technical Data

Viscosity @ 23 C – Brook field	100 – 300 cps	Liquid Appearance	Hazy Light Yellow
Viscosity @ 23 C Ford Cup	50 – 60 sec	Odor	Typical
Reactivity with 120 W/cm² Lamp	50mj	Cured Appearance	Clear film
Solid Content	> 100 %	Gloss	95+ at 60° Reflection

Recommended Application

This coating is designed to be applied through various application systems including roller coater, flexo, letterpress, and roll-to-roll offset presses. To get the optimal gloss the recommended application is app 3-4 Gr/m².

Processing

Mix well before use, making sure that equipment is clean in order to avoid contamination from other materials.

Machine and Drying

This coating is designed to be cured at 50mj with 1-120 Watt/cm lamp. Greater press speed and curing capability may be achieved with additional UV lamps. Substrate may also have an effect on cure speed. Always test coating for compatibility with Ink systems, substrates and for sufficient cure before general use.

Cleaning

Machine and other equipment can be cleaned with Alcohol or other UV cleaning products.

Shelf Life and Storage Conditions

UV Products must be stored tightly closed, away from sunlight, avoiding temperatures higher than 50C. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product.

NORMAL STORAGE DURATION: 1 year

Safety

UV Products are generally considered to be non-toxicological. However during handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. UV products can be an irritant to skin and eyes, wash immediately with soap and water if there is direct contact. Protective eyewear and latex gloves are recommended while using this product. Consult the SDS for additional handling and safety information.

Packaging

This product is available in:

20 Kg pails

200 Kg Iron Drums

Transportation

Not dangerous goods. Can be transported in freezing temperatures but product should be brought to room temperature prior to use.

