

UV 12113E
12113E UV HIGH GLOSS TOPCOAT FOR FLEXO
General Information

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

Typical End Use

Labels

Typical Properties

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

At a Glance, This Coating;

Gluable/Imprintable	No	Flexibility	Very Good
Suitable Hot Stamping	No	Temperature Range*	-10⁰ to 40⁰ C.
Can be Applied via Pump	Yes	Suitable Direct Food Contact	No

Technical Data

Viscosity @ 25 C – Brook field	150 – 200 cps	Liquid Appearance	Hazy White
Viscosity @ 25 C - Din Cup #4	30- 40 sec	Odor	Typical
Curing Speed Tack Free	160fpm w / 300W / inch lamp	Cured Appearance	Clear film
Solid Content	100 %	Gloss	90+ at 60 ⁰ Angle

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 weight is app 0.75 to 1.5 Lb. per / MSF

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 160 FPM w 1-300 Watt / inch 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.

Temperature range.

*Depends on Stock, Ink and application.

*Customer responsible for testing prior use.

Shelf Life and Storage Conditions

UV coatings are sensitive to contamination and should be shielded from any exposure to UV sources (e.g., sunlight, fluorescent lamps, etc.).

UV Products must be stored tightly closed, avoiding temperatures higher than 100F.

NORMAL STORAGE DURATION: 12 months

Safety

UV Products are generally considered to be non-toxic; however during handling and use, the user should avoid inhalation of vapors as well as direct eye or skin contact.

UV products can be irritant to skin and eyes, wash immediately with soap and water if there is direct contact..

Must wear suitable gloves and eye/face protection

Consult the MSDS for additional handling and safety information.

Transportation

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

All information and recommendations about FRİMPEKS products are based on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for different applications we recommend checking suitability of product prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material.