

UV High Gloss Screen Coating

Technical data sheet

E 00112 US

- is a UV curable coating specially designed for Screen applications
- it can be used on both Rotary and Flatbed Screen applications
- typically this coating has outstanding flow and leveling properties
- has excellent curing capability
- it creates an even, smooth surface with high gloss and high scuff resistance
- typical end use for magazines, posters, brochures, leaflets and packaging

Typical Properties

Low Odor, Low Viscosity, Solvent Free, can be further processed immediately, very good flexibility, suitable for In-Line, recommended Mesh 120, applied via Screen, not printable/glueable, not suitable for Hot Stamping.

Technical Data	Unit	Typical Values
Viscosity 23 °C Ford Cup	sec	65-95
Reactivity with 120 W/cm ² Lamp	mj/cm ²	30
Solid Content	%	>100
Liquid Appearance		Hazy White
Odor		Typical
Cured Appearance		Clear Film
Gloss		90+ at 60° Reflection

Recommended Application

This coating is designed for Screen applications. It can be used in both Rotary and Flatbed Screen applications. To get the optimal gloss the recommended application is approx 7-10 Gr/m².

Processing

Mix well before use, making sure that equipment is clean in order to avoid contamination from other materials. Always test coating for compatibility with ink systems, substrates and for sufficient cure before general use.