

Technical Data

RV-4865 is a 100% solids UV curable coating that provides:

- High gloss surface adjustable with coat weight. Can replace film laminates
- Ink receptive surface
- High temperature resistance (for card polishing steps)
- Hot stampability
- DOD adhesion

RV-4865 will adhere to papers, foils and treated plastics. When using on plastics, best results will be seen when using corona treated substrates, or surfaces with 42 dynes or greater.

RV-4865 gloss is adjustable with coat weight. The higher the coat weight, the more gloss.

RV-4865 is supplied press ready and therefore needs no dilution or adjustments prior to use. RV-4865 can be blended with RVM-10143 to reduce gloss if necessary.

Coat Weight: 2-10 bcm depending on the porosity of the substrate and the gloss target.

Curing: UV curing can be achieved with conventional mercury UV lamps that are in the range of 200-400 nm and 300-600 wpi. It is important to run the lamps on high power in order to achieve a proper cure. Press speeds are usually run at 175-300 fpm, but higher speeds may be possible depending on number, wattage and condition of lamps.

Technical Characteristics

Drying	UV
Gloss	glossy
Suggested Anilox Volume (cm ³ /m ²)	6-11
Press Speed (meters/min.)*	
Substrate Compatibility*	Film and paper

*: always validate new combinations of ink and substrate as well as press settings prior to industrial production

cleaning solutions

- **NCL-1103** Plate cleaner for water based and UV inks
- **SoftClean** Anilox cleaning solution for water based and UV inks and coatings
- **UV-499** Press and parts cleaner for UV inks (*attention : can swell photopolymer plates*)