

Technical Data

HPV-13854 is a 100% solids UV curable coating designed to protect and enhance HP Indigo print:

- Excellent adhesion to HP Indigo inks
- High gloss surface adjustable with coat weight. Can replace film laminates
- Improved scratch, scuff and chemical resistance.

HPV-13854 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.

HPV-13854 is supplied press ready and therefore needs no dilution or adjustments prior to use.

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

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*)