



E-Cure DI 605 UV Digital Gloss Coating
UV Coating Technical Data Sheet

The Prisco E-Cure DI 605 is a high gloss UV coating for offline application over digital media. It is designed to produce an even and fast curing film formation with a superior gloss finish. This allows for quick turnaround times and an even defect-free surface. This product is designed to have excellent flexibility, adhesion properties, and gloss depth and clarity. The E-Cure 605 has improved adhesion and leveling over the tougher based toners. This product has had success over Konica Minolta, Xeikon, and HP Indigo 10000 digitally printed materials.



Product Bulletin



Advantages:

- Good gloss levels
- Good Cure Response
- Good Rub and Taber Resistance
- Non-Yellowing
- Low VOC

Physical Properties:

Viscosity	18-22 seconds, #3 EZ Zahn timed @ 25°C/77°F 110-150 cps, Brookfield LV Viscometer @ 25°C/77°F
Gloss	>90
Wt./gal	9.3 lbs/gal
Cure	100 fpm, 200 wpi American UV Mini Conveyor* *Note-tested in controlled lab conditions
MEK Rubs	15-20 Double Rubs

Application:

Sheetfed
Flexo

- **Application Viscosity**-Stir and use as received.
 - Recommended Application Temperature 70-80°F
- **Equipment**-Blanket and tower coaters, anilox coaters
- **Curing**-Sufficient amount of focused UV energy depending on press, press speed, and dryer capability
- **Inks**-Digital Toners
- **Clean up**-Prisco UV Cleaner
- **Shelf Life**-6 months stored at room temperature.

Product Code: RI01-55A (55 gallon drum), RI01-30A (30 gallon drum), RI01-5GB (5 gallon pail), RI01-1GF (1 Gallon Pail)

Prisco recommends that you test coatings for specialty applications using the actual raw materials to be used in production prior to printing.

Read MSDS before using this product

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