Prisco®

E-Cure 159-FC General Purpose Gloss UV Coating
UV Coating Technical Data Sheet

Prisco®

Product Bulletin

The Prisco E-Cure 159-FC is a high gloss UV coating for inline or offline application over a variety of inks and substrates. 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. This product is a faster cure version of the E-Cure 159.

Advantages:

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

Physical Properties:

Viscosity	14-18 seconds, #3 EZ Zahn timed @ 25°C/77°F
	70-110 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-**UV/Co-Cure, primed or oxidized conventional sheetfed
- **Clean up-**Prisco UV Cleaner
- **Shelf Life-**6 months stored at room temperature.

Product Code: RH33-55A (55 gallon drum), RH33-30A (30 gallon drum), RH33-5GF (5 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

an ISO 9001:2008 Registered Facility

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