



E-Cure 140B Gloss Ultraviolet Coating
UV Coating Technical Data Sheet

The Prisco E-Cure 140B 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. The E-Cure 140B was formulated to improve flexibility and scratching issues of previous chemistries. Additionally, this product was designed with "low odor" acrylated materials in an effort to reduce product related odor or any residual odor from the coated piece.



Product Bulletin



Advantages:

- Superior gloss levels
- Excellent Flexibility and Scratch Resistance
- Low Odor
- Good Cure Response
- Good Rub and Taber Resistance
- Non-Yellowing
- Low VOC

Physical Properties:

Viscosity	17-19 seconds, #3 EZ Zahn timed @ 25°C/77°F 100-125 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*
MEK Rubs	*Note-tested in controlled lab conditions 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: RF40-55A (55 gallon drum), RF40-30A (30 gallon drum), RF40-5GF (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

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