



E-Cure 140LVTR Ultra High Gloss Ultraviolet Coating
UV Coating Technical Data Sheet

The Prisco E-Cure 140LVTR 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 140LVTR 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.

Advantages:

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

Physical Properties:

Viscosity	12-14 seconds, #3 EZ Zahn timed @ 25°C/77°F 50-70 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: RF61-55A (55 gallon drum), RF61-30A (30 gallon drum), RF61-5GF (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



Product Bulletin



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