



E-Cure SP-003 Gloss Reticulating Ultraviolet Coating
UV Coating Technical Data Sheet

The Prisco E-Cure SP-003 is a gloss reticulating UV coating for inline or offline application over a variety of inks and substrates. It is designed to produce a reticulated or rough finish that offers a "special effect" for designers and printers. To achieve a greater reticulated look, more coating film weight is needed. This product can be applied sheetfed or silk screen. When being applied sheetfed, however, a high volume anilox roller (@ 14-16 BCM) is recommended for the desired finish. Sheetfed application on a roll coater system is possible, but would require settings to allow for a higher volume of product applied to the sheet.

Advantages:

- Superior Reticulating Finish
- Good Cure Response
- Good Rub and Taber Resistance
- Non-Yellowing
- Low VOC

Physical Properties:

Viscosity	28-35 seconds, #3 EZ Zahn timed @ 25°C/77°F 200-275 cps, Brookfield LV Viscometer @ 25°C/77°F
Gloss	30-50
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
Silk Screen

- **Application Viscosity**-Stir and use as received.
 - Recommended Application Temperature 70-80°F
- **Equipment**-Blanket and tower coaters, anilox coaters, Silk Screen
- **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: RE45-55A (55 gallon drum), RE45-30A (30 gallon drum), RE45-5GF (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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