



E-Cure 309 Gloss Ultraviolet Web Coating
UV Coating Technical Data Sheet

The Prisco E-Cure 309 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, flow and wetting characteristics, gloss depth and clarity. This product was formulated to be an economic alternatives to our E-Cure 307 and E-Cure 308



Product Bulletin



Advantages:

- Good gloss levels with minimal gloss back
- Excellent Cure Response
- Excellent Rub and Taber Resistance
- Non-Yellowing
- Low VOC
- Low Foam

Physical Properties:

Viscosity	17-19 seconds, #3 EZ Zahn timed @ 25°C/77°F N/A cps, Brookfield Viscometer @ 25°C/77°F
Gloss	>85 *Gloss dependant on UV Coating Film Weight and Substrate
Wt./gal	9.3 lbs/gal
Cure	100 fpm, 200 wpi American UV Mini Conveyor* *Note-tested in controlled lab conditions
MEK Rubs	5-20 Double Rubs

Application:

Web

- **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 Heatset Web Ink
- **Clean up**-Prisco UV Cleaner
- **Shelf Life**-6 months stored at room temperature.

Product Code: RG90-55A (55 gallon drum), RG90-30A (30 gallon drum), RG90-5GF (5 gallon pail), RG90-UVT (275 gal tote)

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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