



PRISCO® E-Cure H-UV-891 Reticulating Gloss Coating

Product Description:

The Prisco E-Cure H-UV 891 is a high gloss H-UV coating for inline application over H-UV inks and a variety of substrates. When applied over the E-Cure H-UV 890 Reticulating Effect Overprint Varnish, it is designed to produce a reticulated or 'orange peel' patterned film. The resulting film formation produces a rough tactile effect. Where the coating is applied in areas without varnish it will remain smooth and glossy producing a smooth versus rough contrasting effect on the sheet. This product is designed to have excellent flexibility, adhesion properties, gloss depth, and clarity. The coating film weight can be adjusted to change the desired effect.

Advantages:

- Superior gloss levels, excellent flexibility and scratch resistance
- Good cure response, excellent rub and taber resistance
- Low odor, low VOC, non-yellowing

Physical Properties:

- Viscosity (cps) _____ 250-325 cps, Brookfield LV Viscometer @ 25°C/77°F
- Viscosity (seconds) _____ 32-41 seconds #3 Zahn Cup @ 25°C/77°F
- Gloss _____ >85
- Wt./gal _____ 9.3 lbs/gal
- Cure _____ H-UV 'D' Bulb, High @ 100 fpm (tested in controlled lab conditions w/ UVEXS Cure Unit)
- MEK Rubs _____ 15-25 Double Rub

Application (Sheetfed and Flexo)

- Application Viscosity - Stir well. Keep covered and reduce light exposure when using.
- Equipment - Blanket and tower coaters, anilox coaters
- Curing - Sufficient amount of focused H-UV energy depending on press, press speed, and energy capability.
- Inks – H-UV Ink, primed or oxidized conventional sheetfed inks.
- Clean Up - Prisco UV Cleaner
- Shelf Life - 6 months stored at room temperature. Keep away from heat >100°F and minimize the products exposure to light.

Product Code:

READ SDS BEFORE USING THIS PRODUCT

R183-55A (55 gallon drum), R183-30A (30 gallon drum), R183-5GB (5 gallon pail), R183-ACT (275 gallon Tote)



Prisco recommends that you test coatings for specialty applications using the actual raw materials to be used in production prior to printing.

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Support: 678-601-4140
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Boston
781-749-4590
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