



PRISCO® E-Cure LED-830 Satin Energy-Curable Coating

Product Description:

The Prisco E-Cure LED-830 is a satin LED energy-curable coating for inline application over LED inks and a variety of substrates. It is designed to produce an even and fast curing film formation with a superior satin finish. This allows for quick turnaround times and an even defect-free surface. This product is designed to have excellent flexibility and adhesion properties. The E-Cure LED-830 has been field tested and approved on most OEM and Retro converted LED Systems. It has good cure response at 385nm, 15-20 Watt systems, with minimal to no surface tack or yellowing. Results may vary depending on gap distance of array to substrate and irradiance.

Advantages:

- Superior Satin Finish, Excellent Flexibility, and Scratch Resistance
- Good cure response, Good rub and Taber resistance
- Low odor, low VOC, non-yellowing

Physical Properties:

- Viscosity (cps) _____ 350-425 cps, Brookfield LV Viscometer @ 25°C/77°F
- Viscosity (seconds) _____ 43-53 seconds #3 Zahn Cup @ 25°C/77°F
- Gloss _____ 25-40
- Wt./gal _____ 9.3 lbs/gal
- Cure _____ 100 fpm, 385nm (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 LED energy depending on press, press speed, and energy capability.
- Inks - LED 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

RI78-55A (55 gallon drum), RI78-30A (30 gallon drum), RI78-5GB (5 gallon pail), RI78-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.



Atlanta
Support: 678-601-4140
Orders: 800-241-6049

Boston
781-749-4590
800-222-0146

Chicago
630-543-4600
800-241-6049

Dallas
817-477-4770
800-241-6049

Los Angeles
909-923-1879
800-825-4846

Miami
954-971-0436
800-241-6049

Newark
Support: 973-589-7800
Orders: 800-222-0146

Philadelphia
856-662-3373
800-222-0146

Belgium
+32 56 40 41 82

United Kingdom
+32 56 40 41 82

Toronto
905-953-9393
888-460-4406

Australia
61 2 4702 1211