

Disco LR Series



APPLICATIONS LIST FOR THE DISCO LR SERIES

1. Boating and other Fiberglass or Gelcoat applications:
Boats, Carnival Ride Cars, Pre-fab Domes for Churches
2. Fishing Lures
3. Makeup (Cosmetics): Nail Polish, Body Creams and Lotions, Hairspray
4. Crayons
5. Finger Paints, (coated silver)
6. Fabric Adhesives for decorating clothing (permanent).
Clothing, sneakers
7. T-Shirts, (silk screened) mixed with Plastisol. (.008 is most popular size)
8. Clown Makeup (for Costume Companies & Halloween)
9. Ceramics (after firing)
10. Christmas Ornaments and Decorations
11. Inks & Paints
12. Clear Adhesives, (for children's use, can be washed off)
13. Glitter Pens (mixed with adhesive)
14. Rubber Stamp Kits
15. Fabric Printing (Flocking)
16. Hair Gels
17. Floral Decorations (Artificial, Dry, Live)
18. Candle Decorating
19. Flooring
20. Wallpaper
21. Posters & Displays
22. Inside Balloons
23. Greeting Cards

This series is used in the manufacture of glitter for applications that require better long term solvent stability than GHT.

TECHNICAL DATA - DISCO LR SERIES

Available Colors	Nominal Dominant Wavelength (nm)	Nominal Thickness (mils/ μ m)	Nominal Yield (sq. in./lb)
VLR	465	1.1/28	22,000
BLR	485	1.2/30	20,000
GLR	555	1.3/33	18,000
ZLR	590	1.4/36	16,000

Property	Nominal Value
1. Specific Gravity	1.2
2. Color Shift Temperature	325°F/163°C
3. Color Loss Temperature	420°F/215°C

Solvent Resistance:

Immersion Time	Alcohols (Ethanol, Isopropanol)	Aliphatic Hydrocarbons (Hexane, Naptha)	Aromatic Hydrocarbons (Benzene, Toluene)	Ketones (Acetone, MEK)	Esters (Butyl Acetate, Ethyl Acetate)
5 Min	N	N	CS	CS	CS
7 Days	N	CC	CC*	CC*	CC*

Immersion Time	Fully Halogenated Hydrocarbons (CarbonTet., Perchloroethylene)	Partially Halogenated Hydrocarbons (Ethylene Dichloride, Trichlorethylene)
5 Min	CS	CC
7 Days	CC	CC*

* The iridescent color of LR recovers well when removed from the solvent.

Key:

N - No Change

CS - Color Shift (Sample has started to change color due to solvent immersion)

CC - Color Change (Total color change due to solvent immersion)

CL - Color Loss

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