

## Union Ink Technical Data Sheet

# Holographic Glitter Plastisol (HALO)

Offers a premium-glitter effect with added sparkle.

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## Applications

- For direct print or transfer applications on light or dark garments.

## Features

- 14 sparkling colors.
  - Gives a “dry-dusted look” sparkle with superior washability.
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### General Information

Holographic Glitter Plastisol (HALO) is a series of 14 intense sparkling, glitter colors. Designs will have the appearance of a multi-colored glitter when direct sunlight or a point light source is reflected off the holographic particles. Designs printed with Holographic Glitter are extremely stunning when viewed in direct sunlight. Even though Holographic Glitter prints do not give off the same multi-colored effect indoors under diffused light sources, they still produce a beautiful special effects accent in any print. Because of the coarse meshes required for this ink, it is recommended that detailed designs not be utilized..

### Opacity

Holographic Glitter Plastisol ink is highly opaque.

### Mesh

For direct printing use 20-25 (8-10 metric) monofilament. For transfer printing use 25-33 (10-12 metric) monofilament.

### Stencils

Use any direct emulsion compatible with plastisol inks that will give you the necessary stencil thickness and edge sharpness for screen meshes as coarse as those required for printing Holographic Glitter Plastisol.

### Additives

Holographic Glitter Plastisols are supplied ready to print. Reducer/Detackifier (PLUS-9000) may be added if a thinner consistency is absolutely necessary. Since plastisol inks “body up” and glitter particles may settle to the bottom of the container at rest, always stir the ink thoroughly to determine the actual printing viscosity prior to reducing.. If reducing is necessary after stirring, add 2-5% PLUS-9000. Over-reducing can effect the characteristics of the final print.

### Curing Instructions

These inks will fully cure and withstand repeated washings when the entire ink deposit reaches 320° F (160° C). Because of the thickness of the ink film and the reflective nature of the glitter flakes, it may be necessary to slow the belt speed, increase the heat or perform a combination of both to achieve a proper cure.

### Curing of Heat Transfers

Prints on heat transfer paper should only be semi-cured. Over-cure may cause problems later on during transfer (more energy is needed to re-melt a cured ink film than a semi-cured film). Semi-curing or gelling the ink film only to the extent that the sheets can be handled, stacked, cut and shipped is the desired condition. Gelling for 60-90 seconds at 250° F (121° C) is suggested as a starting point, but shorter periods at higher temperatures may be used.

### Transfer Machine Settings

Transfer to garment using heat transfer machine set at 375° F (191° C) for 15-20 seconds with pressure of transfer heat platen set at 40 p.s.i. Allow print to cool prior to removing transfer paper.

### Heat Transfer Paper

For maximum sparkle, a high gloss transfer paper manufactured for glitter transfers such as Midland Glitcote transfer paper is required for best results.

### Wash-Up

Clean the screens and squeegees with any screen wash designed for plastisol inks.

### Washability

Excellent. Do not dry clean. Do not iron printed areas.

### Storage

Store plastisols at room temperature.

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### Standard Colors

HALO-G120 Solar Silver  
HALO-G200 Luna Yellow  
HALO-G220 Quasar Gold  
HALO-G250 Galaxy Gold

HALO-G270 Cosmic Copper  
HALO-G300 Radiant Red  
HALO-G330 Asteroid Red  
HALO-G400 Zenith Purple  
HALO-G500 Celestial Blue

HALO-G530 Nova Blue  
HALO-G550 Comet Blue  
HALO-G600 Satellite Green  
HALO-G660 Gamma Green  
HALO-G800 Eclipse Black

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