



## CDF® VISION PLUS™

***DIAZO DUAL-CURE CAPILLARY FILM; SUPERB COPYING; NO FINGERPRINTING, NO POLISHING UNDER HIGH HUMIDITY; EASY TO APPLY; ENHANCED CROSS-LINKING YIELDS SHARP PRINTING SHOULDERS AND MECHANICAL DURABILITY***

**CDF® VISION PLUS™** is a diazo dual-cure capillary film. Its special formulation controls mesh penetration and forms an enhanced cross-linking “matrix” during exposure, resulting in sharp printing shoulders, providing stencil toughness and excellent mechanical durability. Very stringent particulate-size control eliminates granularity effects, resulting in superb resolution and edge definition. Under high humidity conditions, **CDF® VISION PLUS™** series resists polishing in the roll and fingerprints, and under low humidity, curling in the shop. **CDF® VISION PLUS™** is fully compatible with UV inks, vinyl inks, and virtually all solvent-based inks. **CDF® VISION PLUS™** features easy reclamation and leaves minimal to no haze upon stencil removal. **CDF® VISION PLUS™** is coated to the thickness(es) of 18(20)µm and 25µm.

**CDF® VISION PLUS™ 18/20** is a diazo dual-cure capillary film recommended for mesh counts of 120-165threads/cm.(305-420threads/inch). Its anti-halation properties significantly reduce light scattering and improve resolution and edge definition. It has extremely wide exposure latitude. **CDF® VISION PLUS™ 18/20** is compatible with UVs, vinyls, and virtually all solvent-based inks. It is suited to such printing applications as: electronics, circuit traces, membrane switches, halftones, CDs and DVDs, ceramic decals, posters, and containers and bottles.

**CDF® VISION PLUS™ 25** is a recommended for mesh counts of 88-130threads/cm.(225-330 threads/inch). It features deep contrast violet color, easy to inspect and register. It has wide exposure latitude. It is suited to the following printing applications: electronics, circuit traces, membrane switches, functional glass, decorative glass and other industrial printing applications.

### FEATURES AT A GLANCE

- **Excellent imaging properties**
  - Enhanced cross-linking results in sharp printing shoulders
  - Microfiltration controls particle size, reducing granularity effects
  - Superb acutance (printed edge definition) and resolution
- **Solvent resistant**
  - Compatible with aggressive inks and solvents
  - Reclaims easily without staining screen fabric
- **Humidity resistant**
  - Resists polishing in rolls
  - No fingerprinting
- **Extremely easy to use**
  - Minimal training required
  - “Pre-coated” stencils = perfect stencils—every time
  - Consistent exposure time
  - Consistent stencil thickness = control of ink deposits—and ink costs
  - Wet processing reduces drying time and pinholes; speeds production
- **Fast exposure and processing**
  - Fast stencil turnaround; significantly less labor and production time
  - Wide exposure latitude

**Formats:** Available in rolls or custom-cut sheets (no mess, no waste!)

