



▶ **CAPABILITY: DEEP DYEING**

Flexvue™ employs the most advanced technology in water- and solvent-based deep dyeing processes to provide the most comprehensive array of dyed films available. Flexvue can match nearly any color, as well as provide fluorescent and patterned film products. Our deep dyeing process deposits dyes and UV absorbers inside the matrix of the film, ensuring that the color or UV protection will not flake, scratch, rub off, or streak. Dyed films may also be metallized for a more brilliant appearance.

▶ **TYPICAL APPLICATIONS**

- Theatrical Lighting Filters
- Safety Films (weatherable)
- Pressure Sensitive Labels and Tapes
- 3-D Glasses
- Photovoltaic Solar Modules
- Medical Packaging
- Security
- Decorative Laminates
- Games

▶ **SERVICES**

Flexvue can provide coated film products based on our customer's specific requirements. Depositions range from:

- **Dyeing Range:**
 - Light Transmission..... 85% VLT -5 (lower at some wavelengths)
 - Optical Density..... 0.10 – 1.3
 - Ultraviolet Protection..... Up to 97% absorption
- **Vapor Deposition**..... 0.5 to 100 ohms per square
- **Substrate Thickness** 48 gauge to 14 mil (12 to 350 microns)
- **Roll Dimensions**Widths up to 74"; 32" max. O.D.

▶ **MATERIALS**

Flexvue produces deep dyed film products using a variety of film bases to meet our customer's specific requirements. Available substrates include:

- Polyester (PET) - filled, unfilled, matte and scratch-brushed
- Requests for other substrates always considered

Custom color matching and dyed/metallized combinations are also available.

