



Solutia Inc.
Performance Films

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Deep Dyed Value Series

As a more economical deep-dyed film alternative, Solutia's Performance Films Division is proud to offer our new Value Series solar control dyed films, available in all standard solar control film colors: gray, charcoal, black and bronze. Available in color depths to 5% visible light transmittance, you gain the color stability and worry free reliability of dyed film at prices that are competitive with color coating alternatives.

Unlike colored adhesives, our deep-dyeing technology impregnates dyestuffs throughout the matrix of the film substrate, ensuring that the color will not flake, scratch, rub off or streak. This advantage can have a positive impact on warranty claims compared to color coating alternatives, which often leads to increased customer satisfaction and repeat business.

Product and Performance Data

	Value Series	Standard Pro Series
Available Width	61.5" -- 74"	61.5" -- 74"
Film Thickness	92 gauge	92 gauge
Yield	151 SF/lb	151 SF/lb
Nominal Haze	2.0%	1.2%
Minimum Roll Length	10,000 LF	10,000 LF

Applications

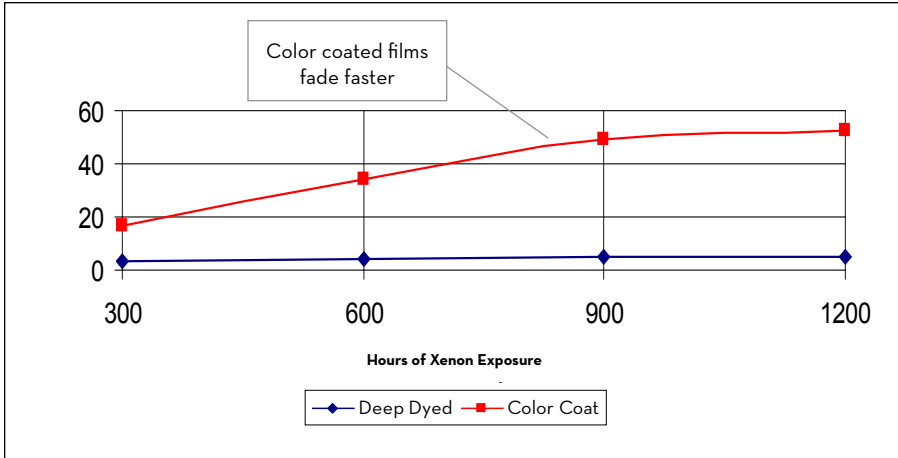
Our deep dyed films are used in a wide range of applications, including:

- >Solar control window films
- >Pressure-sensitive labels
- >Protective overlaminates
- >Filters for theatrical lighting
- >Decorative laminates

Benefits

- >Good film clarity
- >Color depths available to 5% visible light transmission
- >Excellent value in price sensitive product lines
- >Reliable performance
- >Greater customer satisfaction and retention versus color coated alternatives

Color Stability Comparison Deep-Dyed v. Color Coated Window Films



>Excellent heat shrinkability versus color coated films

Please note: Results are typical. Actual results may vary.

The above chart compares the performance of two common coloration techniques for the manufacturing of solar control window films - our deep-dyed polyester films versus color coating. DE (also referred to as delta E) is a common measure of the overall color difference between film samples. In this case film samples were exposed to accelerated fade testing in a lab and DE measures the color difference at each point in time against the color of the original samples. As the chart shows, our deep-dyed polyester films fade very little compared color coated films.

Our Technology

Nearly 60 years ago, Solutia's Performance Films Division pioneered deep-dyed film technology. Today, we continue our tradition of innovation by providing the industry's most comprehensive selection of dyed and colored films utilizing both water and solvent based processes.



Deep-dyed films are used in theatrical lighting applications.

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