

PRODUCT DESCRIPTION

Rosco has remained at the forefront of Color Filter manufacturing and development since 1910, continuing research and evolving manufacturing techniques to meet the most stringent needs of ever increasing hot light sources.

DichroFilm is manufactured on a flexible, 5mil thick, high temperature polymer substrate. DichroFilm will outlast any gel filter and is perfect for those hard to reach installations or when you need a flexible, high transmission, high temperature color filter.

Available in ten standard colors.

Dimensions

Nominal 25" square

Standard Sizes: 6" x 6"
 7.5" x 7.5"
 10" x 10"
 25" x 25"

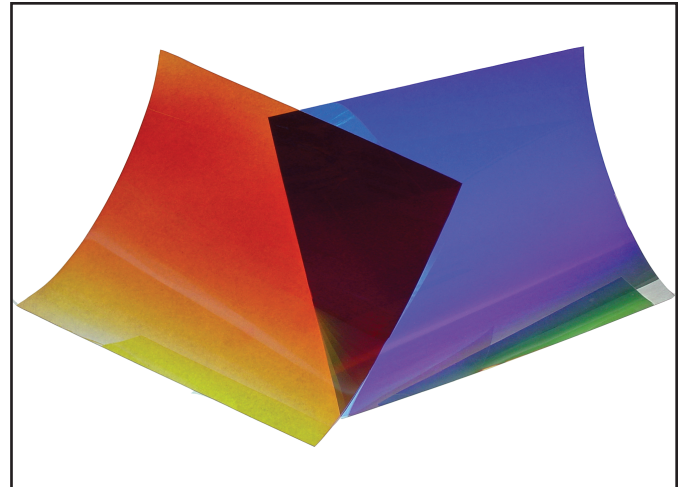
Sizes cut to order are available. Contact Rosco for details.

Thickness

Standard Thickness: 5mil (.005" or 127 microns)

Color Tolerance

+/- 10nm of designed Half Height.



PRODUCT SPECIFICATIONS

Standard Colors:

No.10609108	Primary Blue
No.10609650	Red
No.10609520	Primary Green
No.10609559	Cyan
No.10609550	Yellow
No.10609476	Magenta
No.10609590	Orange
No.10609460	Indigo
No.10609340	CTO Tungsten
No.10609320	CTB Daylight

GUIDELINE FOR ORDERING ROSCO DICHROFILM

Appropriate Luminaires: Determining whether DichroFilm is appropriate for use with a given fixture requires consideration of three different factors: filter size, beam spread, and temperature on filter.

Available sizes: Standard Sizes and cut to order. Any part that can be cut from a 25" nominal square.

Beam Spread: Fixtures with beam spreads wider than 45° may exhibit color shifting at the periphery of the beam. The wider the beam spread, the more significant the color shift will be. Unlike glass dichroic filters, DichroFilm can be arched or curved to compensate for the color shift. Ensure a support frame is in place to hold DichroFilm in position once curve angle is determined.

Heat: Maximum temperature limitations for each DichroFilm color have not been determined. Please contact Rosco for further details or perform your own tests as needed.

Installation: For optimum performance and longest life, install DichroFilm with the coated side of the filter towards the lamp. The coated side will be marked with a small decal.

Care and Handling: Additional care should be taken when handling DichroFilm. Do not fold or crease the film. Use only non-abrasive cleaning agents if necessary.

DichroFilm can be adversely affected by environmental conditions such as moisture, certain atmospheric conditions, and abrasive particles. Use in outdoor installations may significantly reduce the lifespan of the filter. Please contact your Rosco representative if you have any questions about your application.