Cinegel Colors – Swatchbook Order

Acrylic Panels
Daylight Control is available in 4' x 8' x 1/8" acrylic sheets for daylight correction or light intensity reduction. They offer quick set-up, easy handling and multiple re-use. Ships in packs of five. Also available in 5' x 8'.

Cinegel #3761: Roscolex 85
Optically clear acrylic panel. Converts 5500°K to a nominal 3200°K. (Transmission = 58%).

Cinegel #3751: Roscolex 1/2CTO
Optically clear acrylic panel. Converts 5500°K to a nominal 3800°K. (Transmission = 73%).

Cinegel #3762: Roscolex N.3
Optically clear acrylic panel. Reduces light intensity one stop. (Transmission = 50%).

Cinegel #3763: Roscolex N.6
Optically clear acrylic panel. Reduces light intensity two stops. (Transmission = 25%).

Cinegel #3764: Roscolex N.9
Optically clear acrylic panel. Reduces light intensity three stops. (Transmission = 12%).

Daylight Conversion Filters (Amber)
RoscoSun Daylight Conversion Filters are a range of amber filters that lower color temperature as needed. Although typically used on daylight 5500ÂºK sources to balance with tungsten, the range offers a multitude of technical and aesthetic color correction possibilities. The material is deep-dyed for heat stability and superior color transmission. Rolls 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3407: Roscosun CTO
Mired Shift +167 Converts 5500K daylight to 2900K. Preferred either for a warmer look or when daylight is over 6000K. Optically clear. (Transmission = 47%).

Cinegel #3411: Roscosun 3/4 CTO
Mired Shift +131 Standard correction to convert 5500K daylight to 3200K. Deep dyed base. (Transmission = 58%).

Cinegel #3408: Roscosun 1/2 CTO
Mired Shift +81 Converts 5500K daylight to 3800K. Used when partial correction is desired or when daylight is below 4500K. Optically clear. (Transmission = 73%).

Cinegel #3409: Roscosun 1/4 CTO
Mired Shift + 42 Converts 5500K daylight to 4500K. Used when slight correction is desired or when daylight is below 4000K. Optically clear. (Transmission = 81%).

Cinegel #3410: Roscosun 1/8 CTO
Mired Shift +20 Converts 5500K daylight to 4900K. Used when a very slight warming correction is desired. Deep-dyed base. (Transmission = 92%).

Cinegel #3420: Roscosun Double CTO
Mired Shift +320 Converts 10,000K daylight to 2400K. An overcorrection filter designed for special applications. Deep-dyed base. (Transmission = 23%).

Daylight Conversion Filters (Straw)
RoscoStraw Daylight Conversion Filters are a series of yellowish amber filters that lower color temperature as needed. The series is offered as a yellower version of the traditional CTO series and is calibrated to the same color correction and transmission properties. The material is deep-dyed for heat stability and superior color transmission. Rolls 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3441: Full Straw CTS
A yellower (or less red) version of Full CTO. Converts 5500K daylight to 2900K. Deep-dyed base. (Transmission = 50%).

Cinegel #3442: Half Straw 1/2 CTS
A yellower (or less red) version of 1/2 CTO. Converts 5500K daylight to 3800K. Deep-dyed base. (Transmission = 73%).

Cinegel #3443: Quarter Straw 1/4 CTS
A yellower (or less red) version of 1/4 CTO. Converts 5500K daylight to 4500K. Deep-dyed base. (Transmission = 81%).

Cinegel #3444: Eighth Straw 1/8 CTS
A yellower (or less red) version of 1/8 CTO. Converts 5500K daylight to 4900K. Deep-dyed base. (Transmission = 92%).

Diffusion Materials
With over 20 different materials, Rosco offers the broadest range of diffusion available. A wide variety of effects is possible, ranging from the slightest "feathering" of a beam edge, to the creation of a broad shadowless expanse. Except as noted, all materials are 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3006: Tough Spun
A slight diffuser. Softens edge, yet beam shape is maintained. An excellent general purpose diffuser. Replaces "Spun Glass". Tough, heat resistant base. (Transmission not available).

Cinegel #3007: Light Tough Spun
The most popular diffuser. Similar characteristics to Tough Spun, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3022: Quarter Tough Spun
Similar characteristics to Light Tough Spun, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3008: Tough Frost
A medium diffuser that spreads the beam, yet maintains a center. Tough, heat resistant base. (Transmission not available).

Cinegel #3009: Light Tough Frost
Similar characteristics to Tough Frost, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3010: Opal Tough Frost
Similar characteristics to Light Tough Frost, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3020: Light Opal Tough Frost
A slight diffuser. Softens the beam edge yet beam shape is maintained. (Transmission not available).

Cinegel #3040: Powder Frost
A slight to medium diffuser that softens and broadens the beam, yet retains general beam character. Good transmission and whiteness. Excellent for softening harsh edges or enclosed-arc point sources (HMI, Xenon). (Transmission not available).

Cinegel #3046: Velvet Frost
An engineered diffusion. Embossed surface disperses the beam completely. Without the whitening effect of other frosts, there is less effect on color temperature and more light output. Tough, heat resistant base. (Transmission not available).

Cinegel #3047: Light Velvet Frost
An engineered diffusion. Embossed surface spreads the beam, yet maintains a center. Without the whitening effect of other frosts, there is less effect on color temperature and more light output. Tough, heat resistant base. (Transmission not available).

Cinegel #3026: Tough White Diffusion (216)
A moderate diffuser with properties similar to tracing paper. Creates an even field of soft light with minimal color temperature shift. Tough, heat resistant base. (Transmission not available).

Cinegel #3027: Tough 1/2 White Diffusion (1/2 216)
Similar characteristics to Tough White Diffusion, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3028: Tough 1/4 White Diffusion (1/4 216)
Similar characteristics to Tough 1/2 White Diffusion, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3000: Tough Rolux
A dense diffuser that creates an even field of soft, "shadowless" light. Excellent for combining multiple lighting fixtures into a single, large area source. Tough, heat resistant base. (Transmission not available).

Cinegel #3001: Light Tough Rolux
Similar characteristics to Tough Rolux, but less dense. Tough, heat resistant base. (Transmission not available).

Cinegel #3030: Grid Cloth
A reinforced diffusion material that is similar to the silk used in butterflies and overheads. Ideal for tenting and large area diffusion. Can be scrim and grommetted. (Transmission not

available).

Cinegel #3032: Light Grid Cloth
Similar characteristics to Grid Cloth, but less dense. Can be sewn and grommetted. (Transmission not available).

Cinegel #3034: 1/4 Grid Cloth
Similar characteristics to Grid Cloth, but less dense. Can be sewn and grommetted. (Transmission not available).

Cinegel #3060: Silent Grid Cloth
A reinforced, woven diffusion material. Similar properties to Grid Cloth (#3030), but quiet when used outdoors in windy conditions. Can be sewn and grommetted. (60" x 20') (Transmission not available).

Cinegel #3062: Silent Light Grid Cloth
A reinforced, woven diffusion material. Similar properties to Light Grid Cloth (#3032), but quiet when used outdoors in windy conditions. Can be sewn and grommetted. (60" x 20') (Transmission not available).

Cinegel #3064: Silent 1/4 Grid Cloth
A reinforced woven diffusion material. Similar properties to 1/4 Grid Cloth (#3034), but quiet when used outdoors in windy conditions. Can be sewn or grommeted. Extra wide 60 in. (60" x 20') (Transmission not available).

Cinegel #3029: Silent Frost
A relatively dense diffuser that creates a smooth field of soft, "shadowless" light. Excellent for frames and overheads. Particularly useful outdoors when wind causes a noise problem with other plastic diffusers. (Transmission not available).

Cinegel #3014: Hilite
A moderate diffuser that offers high transmission with minimal color temperature shift. Ideal for tenting or large area diffusion. Can be custom welded into largr panels. (Transmission not available).

Cinegel #3002: Soft Frost
A relatively dense diffuser that creates an even field of soft, "shadowless" light. Excellent for combining multiple lights

into a single, large area source. #3023 Wide Soft Frost available in 72 in wide. (Transmission not available).

Cinegel #3004: Half Density Soft Frost
Similar characteristics to Soft Frost, but less dense. (Transmission not available).

Cinegel #3011: Tough Silk
A slight diffuser with directional properties. Spreads beam to create a wash for eliminating the scallop effect created by light spaces and extreme lighting angles. Tough, heat resistant base. (Transmission not available).

Cinegel #3015: Light Tough Silk
Similar characteristics to Tough Silk, but less dense. (Transmission not available).

Cinegel #3072: Half Blue Silent Dyed Grid Cloth NEW!
Reinforced diffusion material that will raise Kelvin temperature of a light source. (Transmission not available).

Cinegel #3082: Half Straw Silent Dyed Grid Cloth NEW!
Reinforced diffusion material that will lower the Kelvin temperature of a Light source. (Transmission not available).

Cinegel #3090: Moonlight Silent Dyed Grid Cloth NEW!
A reinforced diffusion that, when placed in front of an HMI light, creates a soft moonlight effect. Also can be use on tungsten lights as a correction to match cool white fluorescent. (Transmission not available).

Filters for Controlling Carbon ARC & HMI Lighting
A traditional range of filters is also available for Carbon Arc and HMI correction. These filters are all designed to reduce color temperature in discrete steps. Rolls 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3114: Tough UV Filter
Mired Shift +8 A virtually clear filter that absorbs 90% of UV wavelengths below 390 nm. Absorbs excess UV output of arcs and HMI with minimal color temperature shift Deep-dyed base. (Transmission = 93%).

Cinegel #3150: Industrial Vapor NEW!

38%).

Cinegel #3152: Urban Vapor NEW!
Creates the visual reddish-orange appearance of sodium vapor street lights without the green found in sodium vapor sources. (Transmission = 29%).

Cinegel #3107: Tough Y-1
Mired Shift +45 A pale straw filter standard in U.S. for use on HMI or white flame arcs to absorb UV and reduce Kelvin for daylight balance. Deep-dyed base. (Transmission = 93%).

Cinegel #3134: Tough MT 54
Mired Shift +35 A straw correction for white flame arcs and HMI. Deep-dyed base. (Transmission = 83%).

Cinegel #3106: Tough MTY
Mired Shift +131 A single filter combining MT2 and Y-1 for correcting 5500K white flame arcs and HMI to 3200K. Deep-dyed base. (Transmission = 57%).

Cinegel #3102: Tough MT2
Mired Shift +110 Used in combination with Y-1 for correcting 5500K white flame arcs and HMI to 3200K. Also used as an amber conversion filter for arcs and HMI. Deep-dyed base. (Transmission = 66%).

Fluorescent Light Filters
Standard U.S. Cool White fluorescent bulbs offer a good approximation of daylight except for their distinct green cast. When Cool White fluorescents are encountered in film or video, two color correction techniques are available: either balance all other sources to the fluorescents, or balance the fluorescents to the reference source. Rolls 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3304: Tough Plusgreen/Windowgreen
Mired Shift N/A Adds green to natural and artificial daylight sources to balance with U.S. Cool White or Daylight type fluorescents. To be used with overall correction at the lens or in the lab. Deep-dyed base. Equivalent to CC30 Green. (Transmission = 76%).

Cinegel #3315: Tough 1/2 Plusgreen
Mired Shift N/A Adds partial green to Daylight and 3200K

Equivalent to CC15 Green. (Transmission = 90%).

Cinegel #3316: Tough 1/4 Plusgreen
Mired Shift N/A Adds partial green to Daylight and 3200K sources for balancing with fluorescents and discharge lamps. Equivalent to CC075 Green. (Transmission = 92%).

Cinegel #3317: Tough 1/8 Plusgreen
Mired Shift N/A Adds partial green to Daylight and 3200K sources for balancing with fluorescents and discharge sources. Equivalent to CC035 Green. (Transmission = 93%).

Cinegel #3308: Tough Minusgreen
Mired Shift N/A Converts U.S. Cool White or Daylight type fluorescent lamps to 5500K photographic daylight by removing the excess green. Deep-dyed base. Equivalent to CC30 Magenta. (Transmission = 55%).

Cinegel #3309: Tough 3/4 Minusgreen NEW!
Reduces green output from fluorescent and other discharge sources. Equivalent to CC22.5 Magenta. (Transmission = 65%).

Cinegel #3313: Tough 1/2 Minusgreen
Mired Shift N/A Reduces the green output from fluorescents and other discharge sources. Deep-dyed base. Equivalent to CC15 Magenta. (Transmission = 71%).

Cinegel #3314: Tough 1/4 Minusgreen
Mired Shift N/A Reduces the green output from fluorescents and other discharge sources. Deep-dyed base. Equivalent to CC075 Magenta. (Transmission = 81%).

Cinegel #3318: Tough 1/8 Minusgreen
Mired Shift N/A Reduces green output from fluorescents and other discharge sources. Equivalent to CC035 Magenta. (Transmission = 89%).

Cinegel #3310: Fluorofilter
Mired Shift N/A Converts U.S. Cool White or Daylight type fluorescent lamps to 3200K photographic tungsten and removes the excess green. Available in rolls, sheets or sleeves. Deep-dyed base. (Transmission = 36%).

Reflection Materials
Rosco's reflector materials offer a wide variety of choices for surfacing reflector boards or wherever reflected light is required. The product designation generally indicates the quality of the reflection. Rosco's Cinegel swatchbook should be consulted for details.

[redacted] 

Cinegel #3801: Roscoflex M
A specular mirror surface for long throw reflectors or as a relay mirror to reflect the sun into a second reflector board. Tough, durable base. (Transmission not available).

[redacted] 

Cinegel #3802: Roscoflex H
Matches the reflective characteristics of the traditional "hard" side of a reflector board. For long throw or situations requiring strongly directed light. Tough, durable base. (Transmission not available).

[redacted] 

Cinegel #3803: Roscoflex S
Matches the reflective characteristics of the traditional "soft" leaf side of a reflector board. For short to medium throws and moderately wide coverage. Tough, durable base. (Transmission not available).

[redacted] 

Cinegel #3804: Roscoflex SS
A "supersoft" reflector that produces a wider coverage at shorter distances than the Roscoflex S. Tough, durable base. (Transmission not available).

[redacted] 

Cinegel #3805: Roscoflex G
A soft reflector combined with a warm gold tint. Useful for creating an early morning or late afternoon appearance. Tough, durable base. (Transmission not available).

[redacted] 

Cinegel #3812: Featherflex S/G
Virtually weightless reflector material that conforms to any shape. Useful to reflect light in tight spaces. Can be crumpled for a softer effect. Reversible silver or gold. (Transmission not available).

[redacted] 

Cinegel #3813: Thin Mirror - S
Virtually weightless silver mirror material that conforms to any shape. Tough, durable base. (Transmission not available).

[redacted]

Cinegel #3814: Thin Mirror - G
Virtually weightless gold mirror material that conforms to

any shape. Tough, durable base. (Transmission not available).

Cinegel #3830: Spun Silver
A soft, silver foil bonded to a spun polymer base. Silver side suited for directed light, longer throws, or for reflecting skylight. White side suited for softer, wider coverage. Can be sewn and grommetted. (Transmission not available).

Cinegel #3809: Roscoscrim
A perforated material, useful as a window scrim. Reduces incident light level by two stops with no color temperature shift. (Transmission = 25%).

Cinegel #3840: Cinebounce White/Black
A double-sided opaque grid material. Black side for negative fill applications. White side for soft bounce effect, comparable to bead board or show card. (Transmission not available).

Sun 85 & Neutral Density Filters
These filters are usually applied to windows for color correction and/or light intensity reduction. RoscoSun 85 is an amber filter that lowers the color temperature of daylight to balance with 3200K sources. Rosco Neutral Density Filters reduce the level of exterior light and bring it within the exposure range of interior light levels. Two additional RoscoSun materials combine Sun 85 conversion with Neutral Density reduction. All materials are deep-dyed for optical clarity. Except as noted, all materials are extra wide 60" x 21' (145 cm x 6.7 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3415: Rosco N.15
Mired Shift N/A Reduces incident light level by 1/2 stop. Extra-wide 57 in. Optically clear (Transmission = 70%).

Cinegel #3402: Rosco N.3
Mired Shift N/A Reduces incident light by one stop. Extra-wide 57 in. Optically clear. (Transmission = 50%).

Cinegel #3403: Rosco N.6
Mired Shift N/A Reduces incident light level by two stops. Extra-wide 57 in. Optically clear (Transmission = 25%).

Cinegel #3404: RoscoSun N.9
Mired Shift N/A Reduces incident light level by three stops. Extra-wide 57 in. Optically clear. (Transmission = 12%).

Cinegel #3401: Roscosun 85
Mired Shift +131 Standard window correction to convert 5500K daylight to 3200K. Extra-wide 57 in. Optically clear. (Transmission = 58%).

Cinegel #3405: Roscosun 85N3
Combines the effect of the 85 and N.3 filters. Extra-wide 57 in. Optically clear. (Transmission = 33%).

Cinegel #3406: Roscosun 85N6
Combines the effect of the 85 and N.6 filters. Extra-wide 57 in. Optically clear. (Transmission = 17%).

Cinegel #3421: Black Scrim
A perforated material that is black on both sides. Used as a Neutral Density Window Scrim. Reduces incident light level 2 stops. (48" X 25') (Transmission = 25%).

Cinegel #3423: Cinescreen
A woven material similar to black scrim. Used as a neutral denisty windowscrim. Reduces incident light level 2 stops. (Transmission = 25%).

Tungsten Conversion Filters
Tungsten Conversion Filters are a range of blue filters that raise color temperature as needed. Although typically used on tungsten-halogen sources to balance with daylight, the range offers a multitude of technical and aesthetic color correction possibilities. The material is deep-dyed for heat stability and superior color transmission. Rolls 48" x 25' (122 cm x 7.6 m), sheets 20" x 24" (50 cm x 61 cm).

Cinegel #3202: Full Blue (CTB)
Mired Shift -131 Standard Tungsten to Daylight dorrection. For converting 3200K sources to normal daylight. Deep-dyed base. (Transmission = 36%).

Cinegel #3203: Three-Quarter Blue (3/4 CTB)
Mired Shift -100 Boosts 3200K sources to 4700K. Used when a partial conversion is desired, or when daylight is below 5000K. Deep-dyed base. (Transmission = 41%).

Cinegel #3204: Half Blue (1/2 CTB)
Mired Shift -68 Boosts 3200K sources to 4100K. A partial conversion to compensate for varying daylight conditions and

soft lights. Deep-dyed base. (Transmission = 52%).

Cinegel #3206: Third Blue (1/3 CTB)
Mired Shift -49 Boosts 3200K sources to 3800K. A partial conversion to compensate for varying daylight conditions and voltage reduction, or to boost aging HMI lamps and yellowed soft lights. Deep-dyed base. (Transmission = 64%).

Cinegel #3208: Quarter Blue (1/4 CTB)
Mired Shift -30 Boosts 3200K sources to 3500K. A partial conversion to compensate for voltage reduction, or to boost aging HMI lamsp or household incandescent sources. Deep-dyed base. (Transmission = 74%).

Cinegel #3216: Eighth Blue (1/8 CTB)
Mired Shift -12 Boosts 3200K sources to 3300K. A partial conversion to compensate for voltage reduction, or to boost aging HMI lamsp or household incandescent sources. Deep-dyed base. (Transmission = 81%).

Cinegel #3220: Double Blue (2x CTB)
Mired Shift -260 Boosts 2800K sources to nominal 10,000K. An over-correction filter designed for special applications. Deep-dyed base. (Transmission = 10%).