

## GEL FILTERS

Kodak gel filters are made by dissolving suitable organic dyes in liquid gelatin and coating the proper amount of the solution onto prepared glass. After the coating is dry, the gelatin film is stripped from the support material and coated with lacquer. Each filter is then standardized for spectral transmittance and total transmittance by special instruments which apply an optical form of limit gauge to these characteristics. Available in in 75mm (3x3") or 100mm (4x4") squares, they have a uniform thickness which gives them an excellent optical quality. Ideal for precise work where little effect on definition and no increase in length of the optical path can be tolerated.

ULTRA VIOLET ABSORBING FILTERS					
#	Filter Description	3x3		4x4	
		Item #	Price	Item #	Price
2A	<b>Pale Yellow:</b> Absorbs ultraviolet radiation	KO2A33	23.95	KO2A44	34.95
2B	<b>Pale Yellow:</b> Absorbs ultraviolet radiation, slightly less than #2A	KO2B33	23.95	KO2B44	34.95
2E	<b>Pale Yellow:</b> Absorbs more ultraviolet radiation than #2A	KO2E33	23.95	KO2E44	34.95
COLOR FILTERS					
3	<b>Light Yellow:</b> Absorbs excessive sky blue	KO333	55.95	KO344	83.95
8	<b>Yellow:</b> Transmits less blue than #3	KO833	23.95	KO844	34.95
9	<b>Deep Yellow:</b> More dramatic effect than #8	KO933	55.95	KO944	83.95
11	<b>Yellowish-Green:</b> Corrects pan film rendition to match tungsten impression of scene	KO1133	23.95	KO1144	34.95
12	<b>Deep Yellow:</b> Minus blue filter (see #32 for minus-green and #44A for minus-red)	KO1233	23.95	KO1244	34.95
15	<b>Deep Yellow:</b> Darkens sky in landscape photography	KO1533	23.95	KO1544	34.95
16	<b>Yellow-Orange:</b> Greater over-correction of sky than #15	KO1633	23.95	KO1644	34.95
21	<b>Orange:</b> Contrast filter for blue and blue-green absorption	KO2133	55.95	KO2144	83.95
22	<b>Deep Orange:</b> Contrast filter, greater effect than #21	KO2233	23.95	KO2244	34.95
24	<b>Red</b>	KO2433	19.95	KO2444	33.95
25	<b>Red Tricolor:</b> Color separation work, tricolor printing, and infrared photography.	KO2533	23.95	KO2544	34.95
26	<b>Red</b>	KO2633	55.95	KO2644	83.95
29	<b>Red:</b> Color separation with #47 and #61 and tricolor printing work.	KO2933	23.95	KO2944	34.95
32	<b>Magenta:</b> Minus-green (#12 is minus-blue, #44A is minus-red)	KO3233	55.95	KO3244	83.95
34A	<b>Violet:</b> For minus-green and plus-blue separation	KO34A33	55.95	KO34A44	83.95
38A	<b>Blue:</b> Absorbs red, some UV and green light	KO38A33	55.95	KO38A44	83.95
44	<b>Light Blue-Green:</b> Minus-red filter with much UV absorption	KO4433	55.95	KO4444	83.95
44A	<b>Light Blue-Green:</b> Minus-red (#12 is minus-blue, and #32 is minus-green)	KO44A33	55.95	KO44A44	83.95
47	<b>Blue Tricolor:</b> Color separation work with #29 and #61	KO4733	23.95	KO4744	34.95
47A	<b>Light Blue:</b> Exciting fluorescein dyes in medical applications	KO47A33	55.95	KO47A44	83.95
47B	<b>Deep Blue Tricolor:</b> Color separation and tricolor work	KO47B33	55.95	KO47B44	83.95
58	<b>Green Tricolor:</b> Color separation and tricolor printing	KO5833	23.95	KO5844	34.95
61	<b>Deep Green Tricolor.</b> Tricolor work with #29 and #47	KO6133	55.95	KO6144	83.95
87	Visibly opaque infrared filter	KO8733	55.95	KO8744	83.95
87C	Visibly opaque infrared filter	KO87C33	55.95	KO87C44	83.95
89B	Visibly opaque infrared filter, especially for aerial.	KO89B33	55.95	KO89B44	83.95
90	Dark grayish amber	KO9033	23.95	KO9044	34.95
92	Red for color densitometry.	KO9233	55.95	KO9244	83.95
98	<b>Blue:</b> Equivalent to #47B plus # 2B filter.	KO9833	55.95	KO9844	83.95
99	<b>Green:</b> Equivalent to #61 plus #16 filter.	KO9933	23.95	KO9944	34.95
102	<b>Yellow-Green.</b> Converts barrier-layer photocell response to eye luminosity response.	KO10233	55.95	KO10244	83.95
106	<b>Amber:</b> Converts an S-4 type photocell response to the eye-luminosity response.	KO10633	55.95	KO10644	83.95

## GEL FILTERS

Neutral density filters are used to reduce the intensity of light by a definite ratio, without affecting the tonal rendition of colors. Neutrality is superb only in visible spectrum.

Color compensating filters control color by attenuating principally the red, green or blue part of the spectrum. Can be used to make changes in the color balance of images recorded on color films, or compensate for deficiencies in the spectral quality of a light source.

### NEUTRAL DENSITY (ND) FILTERS

Filter Description	3x3		4x4	
	Item #	Price	Item #	Price
ND 0.1 (80% transmission)	KOND.133	46.95	KOND.144	72.95
ND 0.2 (63% transmission)	KOND.233	46.95	KOND.244	72.95
ND 0.3 (50% transmission)	KOND.333	46.95	KOND.344	72.95
ND 0.4 (40% transmission)	KOND.433	46.95	KOND.444	72.95
ND 0.5 (32% transmission)	KOND.533	46.95	KOND.544	72.95
ND 0.6 (25% transmission)	KOND.633	46.95	KOND.644	72.95
ND 0.7 (20% transmission)	KOND.733	46.95	KOND.744	72.95
ND 0.8 (16% transmission)	KOND.833	46.95	KOND.844	72.95
ND 0.9 (13% transmission)	KOND.933	46.95	KOND.944	72.95
ND 1.0 (10% transmission)	KOND1.033	46.95	KOND1.044	72.95
ND 2.0 (1% transmission)	KOND2.033	46.95	KOND2.044	72.95
ND 3.0 (0.10% transmission)	KOND3.033	46.95	KOND3.044	72.95
ND 4.0 (0.010% transmission)	KOND4.033	46.95	KOND4.044	72.95

Color conversion filters enable significant adjustments in the color temperature of the illumination required. Light balancing filters enable minor adjustments in the color quality of illumination to obtain warmer (yellowish) or cooler (bluish) color rendering. The degree of effect increases as you go down the alphabet.

### COLOR CONVERSION & LIGHT BALANCING FILTERS

Filter Description	3x3		4x4	
	Item #	Price	Item #	Price
80A: Blue Conversion	KO80A33	23.95	KO80A44	34.95
80B: Blue Conversion	KO80B33	23.95	KO80B44	34.95
80C: Blue Conversion	KO80C33	23.95	KO80C44	34.95
80D: Blue Conversion	KO80D33	23.95	KO80D44	34.95
85: Amber Conversion	KO8533	23.95	KO8544	34.95
85B: Amber Conversion	KO85B33	23.95	KO85B44	34.95
85C: Amber Conversion	KO85C33	23.95	KO85C44	34.95
85N3: Amber with ND0.3	KO85N333	23.95	KO85N344	34.95
85N6: Amber with ND0.6	KO85N633	23.95	KO85N644	34.95
85N9: Amber with ND0.9	KO85N933	23.95	KO85N944	34.95
81: Yellowish light balancing	KO8133	23.95	KO8144	34.95
81A: Yellowish light balancing	KO81A33	23.95	KO81A44	34.95
81B: Yellowish light balancing	KO81B33	23.95	KO81B44	34.95
81C: Yellowish light balancing	KO81C33	23.95	KO81C44	34.95
81D: Yellowish light balancing	KO81D33	23.95	KO81D44	34.95
81EF: Yellowish light balancing	KO81EF33	23.95	KO81EF44	34.95
82: Bluish light balancing	KO8233	23.95	KO8244	34.95
82A: Bluish light balancing	KO82A33	23.95	KO82A44	34.95
82B: Bluish light balancing	KO82B33	23.95	KO82B44	34.95
82C: Bluish light balancing	KO82C33	23.95	KO82C44	34.95

### COLOR COMPENSATION FILTERS

Filter Description	3x3		4x4	
	Item #	Price	Item #	Price
CC025B Blue	KOCC025B33	23.95	KOCC025B44	34.95
CC05B Blue	KOCC05B33	23.95	KOCC05B44	34.95
CC10B Blue	KOCC10B33	23.95	KOCC10B44	34.95
CC20B Blue	KOCC20B33	23.95	KOCC20B44	34.95
CC30B Blue	KOCC30B33	23.95	KOCC30B44	34.95
CC40B Blue	KOCC40B33	23.95	KOCC40B44	34.95
CC50B Blue	KOCC50B33	23.95	KOCC50B44	34.95
CC025C Cyan	KOCC025C33	23.95	KOCC025C44	34.95
CC05C Cyan	KOCC05C33	23.95	KOCC05C44	34.95
CC10C Cyan	KOCC10C33	23.95	KOCC10C44	34.95
CC20C Cyan	KOCC20C33	23.95	KOCC20C44	34.95
CC30C Cyan	KOCC30C33	23.95	KOCC30C44	34.95
CC40C Cyan	KOCC40C33	23.95	KOCC40C44	34.95
CC50C Cyan	KOCC50C33	23.95	KOCC50C44	34.95
CC025G Green	KOCC025G33	23.95	KOCC025G44	34.95
CC05G Green	KOCC05G33	23.95	KOCC05G44	34.95
CC10G Green	KOCC10G33	23.95	KOCC10G44	34.95
CC20G Green	KOCC20G33	23.95	KOCC20G44	34.95
CC30G Green	KOCC30G33	23.95	KOCC30G44	34.95
CC40G Green	KOCC40G33	23.95	KOCC40G44	34.95
CC50G Green	KOCC50G33	23.95	KOCC50G44	34.95
CC025M Magenta	KOCC025M33	23.95	KOCC025M44	34.95
CC05M Magenta	KOCC05M33	23.95	KOCC05M44	34.95
CC10M Magenta	KOCC10M33	23.95	KOCC10M44	34.95
CC20M Magenta	KOCC20M33	23.95	KOCC20M44	34.95
CC30M Magenta	KOCC30M33	23.95	KOCC30M44	34.95
CC40M Magenta	KOCC40M33	23.95	KOCC40M44	34.95
CC50M Magenta	KOCC50M33	23.95	KOCC50M44	34.95
CC025R Red	KOCC025R33	23.95	KOCC025R44	34.95
CC05R Red	KOCC05R33	23.95	KOCC05R44	34.95
CC10R Red	KOCC10R33	23.95	KOCC10R44	34.95
CC20R Red	KOCC20R33	23.95	KOCC20R44	34.95
CC30R Red	KOCC30R33	23.95	KOCC30R44	34.95
CC40R Red	KOCC40R33	23.95	KOCC40R44	34.95
CC50R Red	KOCC50R33	23.95	KOCC50R44	34.95
CC025Y Yellow	KOCC025Y33	23.95	KOCC025Y44	34.95
CC05Y Yellow	KOCC05Y33	23.95	KOCC05Y44	34.95
CC10Y Yellow	KOCC10Y33	23.95	KOCC10Y44	34.95
CC20Y Yellow	KOCC20Y33	23.95	KOCC20Y44	34.95
CC30Y Yellow	KOCC30Y33	23.95	KOCC30Y44	34.95
CC40Y Yellow	KOCC40Y33	23.95	KOCC40Y44	34.95
CC50Y Yellow	KOCC50Y33	23.95	KOCC50Y44	34.95