

●FILTERS FOR COLOR FILMS

TYPE	COLOR	FACTOR	PURPOSE	EFFECT
1A MC	Light Pink	1X	Color photos, General usage.	Minimizes bluish effect by adding a warming color. Improves the overall color balance.
A2(81B)MC	Light Brown	1.3X	For overcast or rainy weather.	Eliminates the bluish tones produced by overcast or rainy weather, thus regains natural color.
A10(85)MC	Dark Brown	1.7X	For conversion of Tungsten film to daylight.	Corrects bluish tone when using Tungsten film in daylight.
B2(82A)MC	Light Blue	1.2X	For early morning and late evening sunlight.	Reduces yellow and red color to provide daylight balance in warm light.
B10(80B)MC	Dark Blue	2X	For conversion of Daylight film to Tungsten light.	Eliminates overall reddish tone and delivers natural color balance when Daylight film is used in Tungsten light.

●FILTERS FOR COLOR OR BLACK & WHITE FILMS

TYPE	COLOR	FACTOR	PURPOSE	EFFECT
P	Clear	1X	Lens protection.	Clear optical glass, specially designed to protect the lens from scratches, dust and other harmful particles.
ND2 MC	Grey	2X	Exposure compensation.	Compensates the exposure in extremely bright situations such as summer beach, snow scenes, etc. where over-exposure is unavoidable by only an adjustment of shutter speed and aperture opening.
ND4 MC	Dark Grey	4X		
Polar(Polarizing)	Grey	3~4X	Eliminates or reduces reflection.	Helps clearly depict shape, texture and color tone, when photographing through window, printed matter, water surface. C-Polarizing MC allows a camera with half-mirror exposure metering system to deliver correct exposure.
C-Polarizing MC (Circularly Polarizing)				

●FILTERS FOR BLACK & WHITE FILMS

TYPE	COLOR	FACTOR	PURPOSE	EFFECT
L39(UV)MC	Clear	1X	UV absorption. For general photography.	Absorbs Ultra-Violet rays and assures clear and crisp images. Ideal for photographing landscape, mountains, sea, etc. on a sunny day.
Y48(Y2)MC	Yellow	2X	For photographing landscape, mountains, subjects at sea, etc.	Absorbs ultra-violet rays and lightens yellows and green such as leaves and darkens blue such as sky tones.
O56(O2)MC	Dark Orange	4X	Lightens reds, and yellows, darkens blue tones.	Enhances details of mountains, landscape over the visual images. More dramatic effect than Y48 filter.
R60(R1)MC	Red	8X	For infrared rays and aerial photography.	Gives contrast to the reproduction of sky, sea and cloud. There is a small benefit for Infrared rendition on IR film.
G0 MC	Green	2X	Improves skin tone.	Absorbs purple, blue and red rays, lightens the green tones. Improves skin tones in outdoor (natural light) portraiture.