

## FILTER GUIDE

### PROTECTION AND UV ABSORBING FILTERS

#### UV PROTECTOR

Helps protect lens from dust, moisture, scratches and breakage. Provides basic reduction of UV light.

#### SKY 1-A

Popular general use protection filter. Absorbs almost half of UV light. Slightly warm-tinted for better colors. Useful when shooting outdoors in shade and on over-cast days.

#### HAZE-1

Reduces excessive blue haze caused by absorbing almost 3/4 of UV light.

#### HAZE 2A

Absorbs all UV light; reduces haze; maintains color and image clarity. Best for high altitude and marine scenes.

#### UV 17

Greater haze correction, reduces most but not all UV light.

#### WARM UV

Combines the warmth of the Tiffen exclusive 812® Filter with the UV 17.

### POLARIZING FILTERS

#### POLARIZER

Essential for outdoor photography; deepens intensity of blue skies; reduces or eliminates glare.

#### CIRCULAR POLARIZER

Same effects as Polarizer. For use on auto-focus cameras, as recommended by the camera manufacturer.

#### WARM POLARIZER

For color imaging, a combination of Tiffen exclusive 812® filter and Polarizing filter; warms skintones and scenics.

### COLOR CONVERSION

**80 Series:** Use with daylight film to shoot indoors, with tungsten lighting, without a flash, and achieve correct color in your image.

**85 Series:** For shooting tungsten corrected film outdoors. Produces natural colors in your images.

### COLOR COMPENSATING FILTERS

**Magenta CC05M, 10M, 20M, 30M, 40M, 50M & Red CC30R:** Balances excessive green cast and produces creative effects. Great for early morning tint. Can be combined to achieve more density. Use the CC30R to produce warmer or more accurate colors when shooting through water or heavily green tinted glass.

### LIGHT BALANCING

**81 Series:** Useful with daylight corrected film in cool light conditions.

**82 Series:** Reduces unnatural red tones in early morning or late afternoon.

#### FL-B®, FL-D®

Provides pleasing skintones and corrects color under fluorescent lighting. Use FL-D with daylight-corrected media; FL-B with tungsten-corrected media.

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### NEUTRAL DENSITY .3, .6, .9

Provides balanced exposures and depth-of-field control. Eliminates overly bright, washed-out images. Great for video. Produces blurred motion effects at slower shutter speeds.

### SPECIAL EFFECTS

#### 812® WARMING FILTER

Exclusive Tiffen filter, improves color of all skintones; absorbs blue cast often caused by electronic flash or outdoor shade. Adds warmth to pale, washed-out flesh tones. Ideal for portraits.

#### ENHANCING

Creates brighter, more saturated reds, browns and oranges with minimal effect to other colors. Ideal for fall foliage and enhancing red, orange and rust brown subjects.

#### FOG 1, 3

Adds drama to your scene by producing misty atmosphere. Lights flare, softens contrast and sharpness.

#### DOUBLE FOG 1, 3

Creates the natural look of fog, especially on overcast days.

#### SEPIA 1, 2, 3

Creates a warm brown tone (for color imaging) for that old-time feeling. Grade 3 adds a light fog effect.

#### STAR EFFECTS

Achieve dazzling star effects from any direct or reflected point light source. Available in 4pt, 6pt and 8pt in 2mm grid pattern.

#### CLOSE-UP SET (+1, +2, +4)

Single element diopter lenses enable lens focusing on subjects much closer than standard lens. Can be used individually or in combination for added versatility.

#### HOT MIRROR

Designed to remedy color rendition problems in some digital still cameras.

#### INFRARED 18A

Transmits UV and IR, absorbs visible transmission

#### INFRARED 87

For black and white infra-red film only. No visible transmission.

### HOLLYWOOD/FX® FILTERS

#### PRO-MIST® ⅓, ⅔, 1, 2, 3

Most popular motion picture effect. Creates special "atmosphere" by softening excess sharpness and contrast; creates pearlescent glow around highlights. Great for portraits and landscapes.

#### WARM PRO-MIST® 1, 2, 3

Combination of Pro-Mist and Tiffen exclusive 812 filter. Warms (for color imaging) and softens. Gives skin a healthy, natural glow.

#### BLACK PRO-MIST® ⅓, ⅔, 1, 2, 3

Similar characteristics to Pro-Mist, providing a more subtle effect. Less lightening of shadows and reduction of contrast.

#### WARM BLACK PRO-MIST® 1, 2, 3

Combines Black Pro-Mist with 812 filter to include a warming effect (for color imaging)

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### BLACK DIFFUSION/FX® 1, 3, 5

Gives a silk-smooth look to textured surfaces, suppresses facial blemishes and wrinkles, while maintaining clear, focused image. Creates a diffused image that doesn't look like it's been shot through a filter.

### GOLD DIFFUSION/FX® 1, 3, 5

Combines effect of Black Diffusion/FX with soft, golden tint to shadows and infuses images with added warmth. Balances mix of skintones.

### CENTER SPOT

Clear central area for dramatic focus, surrounded by ring of moderate diffusion to minimize distracting background detail.

### WARM CENTER SPOT

Combines Center Spot with 812® warming filter. Warms image for more vibrant results (for color imaging).

### SOFT/FX® ¼, 1, 2, 3, 4, 5

Ideal portrait filter. Softens and minimizes facial imperfections while retaining overall image clarity.

### WARM SOFT/FX® ¼, 1, 2, 3, 4, 5

Combines Soft/FX with Tiffen exclusive 812® filter. Smooths facial details while adding warmth to skintones (for color imaging).

### ULTRA CONTRAST 1, 3, 5

Recognized with a Technical Achievement Award from the Academy of Motion Picture Arts and Sciences, this filter redistributes ambient light to capture details that would be lost in shadows. Lowers contrast evenly throughout image with no flare or halation.

### LOW CONTRAST 1, 2, 3

Spreads light from highlights to darker areas; leaves bright areas bright; lowers contrast, mutes colors. Makes videos look more like film!

### SOFT CONTRAST 2, 3

Reduces contrast while allowing black areas to stay black; produces softer, less intense colors.

### NORTH, HYPER, VECTOR & HOLLYWOOD STARS

Unique combinations of asymmetrical designs with lines of different lengths to create more natural, dramatic star excitement.

### COLOR-GRAD® FILTERS

Half color, half clear, with a smooth transition in between. Add color selectively while leaving rest of scene unaffected.

### COLOR-GRAD® NEUTRAL DENSITY FILTER.3,.6,.9

Part clear, part neutral density, with a smoothly graded transition between. Balances sky to foreground.

## ACCESSORIES



### Lens Shades

Lens shades prevent extraneous light from entering the lens. Available in Metal and Rubber Standard and Rubber Wide-Angle versions.

### Lens Caps

Lens caps help protect the front of your lens or filter from dirt, dust, scratches and damage. Available in Metal Screw-In or Plastic Snap-On with leash.

### Pro-Tective® Filter Pouches

Durable padded, water resistant 6 pocket organizer helps protect filters from damage. Carries filters up to 82mm as well as 3.5" computer disks. Also available in 2 or 4 pocket pouches

### Lens/Optical Cleaning Kit

Includes: Blower Brush, Cleaning Fluid, Lens Cleaning Tissue and Optical Cleaning Cloth.

### Step-Up/Step-Down Rings

Allows use of different screw-in or series filter sizes with one particular lens. Provides easy access to a wider selection of filter sizes and gives the photographer freedom to use a standard size filter on many lens sizes.

### Series 9 Adapter Rings

Series 9 adapter rings allow use of one standard series size filter on many lens sizes. They provide easy filter access for harder to fit lenses, a common problem with older camera lenses. Series-size filter, which has no threads, drops into series size adapter ring and is held securely in place with the included retaining ring.

Series 9 Screw-In 67M-9, 72M-9, 77M-9, 82M-9, 86C-9

## STEADICAM® Mini

Steadicam Award-Winning Camera Stabilizing Systems provide steady, smooth uninterrupted motion, without expensive cranes, dollies or booms.

The Steadicam Mini is designed for today's lightweight video camcorders weighing from 5-15 pounds. It gives the operator the mobility and flexibility of a hand-held camcorder with the precision and smoothness of a dolly. The main components of the Mini include the Vest, the Arm and the Sled. A comfortable vest distributes the weight of the entire system over the operator's torso and hips. The Articulated Arm allows the operator to quickly frame and follow the action. The precision engineered sled with the center of gravity precisely placed at the floating gimbal handle assembly works simultaneously with the other components to achieve flawless dynamics. A sled-mounted monitor delivers a crystal clear picture, so your eyes are always on the action, not the eyepiece.



The Mini is ideal for documentaries, weddings and events, local cable origination, industrial training and communications.

## STEADICAM® JR

Take shots at "impossible" angles, above, below or even behind you. You simply can't get that with any other video product.

The Steadicam JR was designed to be a compact, superbly styled, jitter-free, personal Steadicam for today's lightweight Compact VHS, Super VHS-C, 8mm, Hi8, Super Hi8 and Mini DV camcorders weighing up to 4 pounds. Jiggle-free shooting, freedom of movement, performance, versatility, rugged design, durability and award-winning technology allow the camera to be as mobile as the camera operator. Walking, riding, running, or standing still, the camera will remain absolutely steady.

It's ideal for the wedding photographer or family shooter.



## OTHER PRODUCTS BY TIFFEN

# FilterFlex

### Precision Filter Control Matte Box

**Lightweight:** Clamps directly to your lens—no bulky support rails

**Fast:** Needs no separate frames so filters go on and off quickly

**Total Control:** Allows full, precise fingertip positioning of each filter independently

**Lens Mounts:**

Available for internal or external lenses

**Filter Sizes:** Square or rectangular, 4" wide filters (4x4, 4x5, 4x5.650, 4x6)

**Configurable:** Can be easily assembled to hold 1, 2, or 3 filters (with optional accessory)



**Combines unique, patented innovations with maximum flexibility in using filters for beautiful images.**

- Filter stages rotate 360° independently
- Shade remains horizontal while rotating filters
- Filters are held parallel to lens, minimizing internal reflection problems
- Comes complete with 2 filter stages and a rectangular lens shade
- Interchangeable adapters stocked for most lenses—custom sizes also available
- Lens shade features fast on/off and swing away positions for easy access to front of lens
- For use with video cameras with lens diameter of 65mm to maximum of 100mm

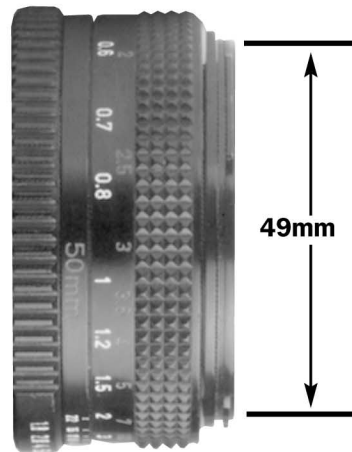
## FILTER SIZER

### MAGNUM XL WITH FG10 HEAD

- The perfect “all-purpose” photo, video and digital tripod
- 3-way photo/video/digital fluid head with quick release plate
- All metal construction, reversible center post
- “Easy grip” foam cushioned insulated legs
- Bubble level
- Lightweight, rugged
- Deluxe padded carrying bag included
- 10 Year Warranty



- **Maximum Height:** 69 1/4"
- **Tripod Max. Load:** 15 lbs.
- **Head Max. Load:** 9 lbs.
- **Folded Length:** 28"
- **Minimum Height:** 29 3/4"
- **Weight 6 lbs.:** 4 oz.



0 \_\_\_\_\_  
*Line up the inside edge of your lens with the inside thread on zero '0'.*

- 30.5mm \_\_\_\_\_
- 37mm \_\_\_\_\_
- 39mm \_\_\_\_\_
- 40.5mm \_\_\_\_\_
- 43mm \_\_\_\_\_
- 46mm \_\_\_\_\_
- 48mm \_\_\_\_\_
- 49mm \_\_\_\_\_
- 52mm \_\_\_\_\_
- 55mm \_\_\_\_\_
- 58mm \_\_\_\_\_
- 62mm \_\_\_\_\_
- 67mm \_\_\_\_\_
- 72mm \_\_\_\_\_
- 77mm \_\_\_\_\_
- 82mm \_\_\_\_\_
- 86mm \_\_\_\_\_
- 95mm \_\_\_\_\_

### “E-Z” FILTER SIZER

These inside threads line up with your filter size. Ask your photo dealer for assistance.

Tiffen is a leading manufacturer and distributor of photo accessories and related products. For more information on any of our product lines, or for technical assistance, call us at:

**1-800-645-2522**

<b>Tiffen—filters, and so much more...</b>		
<b>Tiffen</b> Filters and Lens Accessories 	<b>Domke, Kata &amp; Zing Designs</b> Bags and Cases 	 <b>Kodak GEAR</b> <small>Take Pictures. Further™</small>
<b>STEADICAM</b>  Camera Stabilizing Systems	<b>Saunders/LPL</b> Enlargers & Saunders Enlarging Easels 	<b>Barbie, Looney Tunes &amp; Kalimar</b> Cameras & Binoculars 
<b>Tiffen</b> Digital Camera Lenses and Accessories 	<b>Davis &amp; Sanford</b> Tripods & Support Systems 	<b>Silver Pixel Press and Kodak Books</b> 
<b>Kodak GEAR</b> PROFESSIONAL	<b>Stroboframe</b> Flash Brackets  <b>Magnabrite</b> Magnifiers 	<b>Wein Remote Control Systems</b> 



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