



Essential for Landscape Photography

HOW TO USE POLARIZER FILTER #15

Shoot the Flow of Water Fantastically

USEFUL TIPS FOR USING ND FILTERS

For Beginners
BASIC CAMERA
TERMINOLOGIES 229



MARUMI OPTICAL CO.,LTD. http://www.marumi-filter.co.jp/en/

HEADQUARTERS: 6F NSK Bldg,1-21-8 Tabata, Kita-ku Tokyo 114-0014, Japan Tel.+81/(0)3/3828-7139 Fax.+81/(0)3/3822-0466



Always at your fingertips... Marumi Filters

- The pioneer of lens filter in digital photography -

Capture the Vivid Colors of Seasonal Landscapes



Circular PL Filter P.13

Decorate the Lights for a Dazzling Finish



CROSS Filter P21

Discover a New World from Up Close



MACRO Filter P24

Create an Ethereal World with Slow Shutter Shots



ND Filter P.17

DHG

P.11 FIT + SLIM

DHG SUPER

LINE UP

EXUS SOLID

EXUS

Circular Polarizer

Circular Polariz HOW TO USE P

ND FILTER

ND FILTER HOW TO

CROSS FILTER P.21

SOFT FILTER P.23

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CREATION

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GLOSSARY

FILTER TECHNOLOGY

COMPANY PROFILE P.33

FILTER LINE UP P.35

ACCESSORIES P.37

Embrace the Scene with a Soft and Gentle Touch



SOFT Filter P23

How to Attach the Filter to the Lens

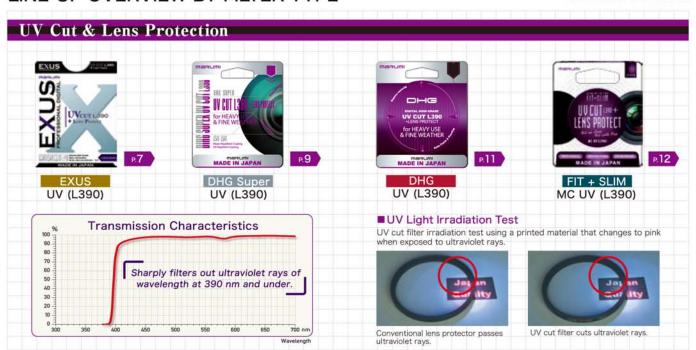


front, rotate the filter



Enjoy Your Photo Life







DHG

Circular PL

DHG Super

Circular PL

EXUS

Circular PL

LINE UP

FIT + SLIM

Circular PL

EXUS Lens Protect

7 Times Stronger than a Conventional Protector Filter*

Ultra-low Reflection Rate 0.2%

Antistatic Coating Water & Oil Repellent Coating Ultra-Thin Frame Design Blackened Outer Rim of Glass Satin Finish & Knurling

*1 Compared to our products

MADE IN JAPAN

Available SIZE: 49mm 52mm 55mm 58mm 62mm 67mm 72mm 77mm 82mm

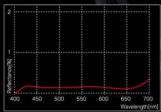
EXUS Lens Protect

Product specification outline



To protect your lens, hardened glass is used to achieve 7 times the strength of conventional products.

[Vickers Hardness Number 700Hv*2] [Amazingly Low-Reflection Rate 0.2%]



Surface reflection is minimized to 0.2% in order to bring out the full expressive capabilities of lenses.

*2 Vickers hardness (Hv): Hardness of materials measured and quantified by indentation made with a diamond

[Antistatic Coating]



Static-resistant surface inhibits the adhesion of fine dirt and dust allowing a stress-free capture.

test piece pressed onto test material.

[Water & Oil Repellent Coating]



Smooth shooting experience is ensured with a water and oil repellent surface which makes it harder for water droplets and fingerprints to adhere, while also making it easy to wipe clean.

05 | EXUS SOLID



EXUS UV (L390)



EXUS series

Full Specification Filter with UV Cut Feature

This model, equipped with the UV cut feature on top of the water and oil reppelent and antistatic coating, is a must-have for field photographers.

)<	*)	(3)	*)	0.3)
1	9+	SATTA		()

HARRIE II DAPAR									
Available Size	37	39	40	40.5	(43)	48	48	49	
(mm)	52	55	58	62	67	72	77	82	

EXUS Lens Protect



Ideal Lens Protector of **Excellent Quality with** Maintenance-Carefree Features

Enhanced features protecting the lens from troubles such as water, stain and static electricity reduce the time and effort required for maintenance.

)<	*)	(3)	*)	0.3)
\downarrow	•)•	SATIN	•	

Available Size (mm)	37	39	40	40.5	43	46	48	49	52	55
(mm)	58	62	67	72	77	82	86	95	105	

EXUS Circular PL



30% Greater Light Transmission Ratio than Conventional Polarizing Filters

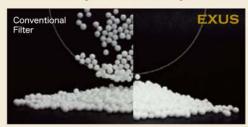
High transmission polarizing film makes it easier to check the polarizing effect through the finder allowing easier focusing on the subject. It also enables richer gradation expression, as the dark portions of the subject aren't easily lost.



Available Size	37	39	40	40.5	43	46	448	49
(mm)	52	55	58	62	67	72	77	82

Antistatic Coating

The glass is resistant to adhesion of fine dirt and dust, and when fine dirt or dust does adhere, they can be easily blown off, allowing stress-free shooting.



Effect of antistatic coating

High Transmission Polarizing Film

A high transmission polarizing film, which transmits the light well while keeping the polarizing effect, makes it much easier to verify the effect during the shooting than with conventional filters.



30% Greater Light Transmission Ratio than Conventional Polarizing Filter

Water and Oil Repellent Coating

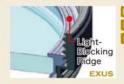
Oil repellent performance allows easy maintenance, and high water repellency keep water droplets off.



Comparison of Water & Oil Repellent Effect

New Low Reflection Frame

Light-blocking Ridges are equipped inside of the ring to reduce diffused reflections.



DHG Super UV (L390)(L370)



DHG SUPER series

Reliable Water and Oil Repellent Performance

DHG SUPER UV (L390) is a reliable lens protective filter having water and oil repellent effect as well as cutting ultraviolet rays which affect image quality.



Available Size (mm)
DHG Super UV(L390)
49 52 55 58 62 67 72 77 82
DHG Super UV(L370)

DHG Super Lens Protect



Reliable Water and Oil Repellent Performance

DHG SUPER LENS PROTECT is a reliable lens protector with excellent water and oil repellent effect.



Available Size	37	39	40	40.5	43	46	48	49	52	55
(mm)	58	62	67	72	77	82	86	95	105	

DHG Super Circular PL



High-Functional Polarizing Filter Having Water and Oil Repellency

High functionality suitable for outdoor shooting with addition of the water and oil repellent coating to the polarizing filter effect. Also fully supports wide-angle lens.



Available Size	37	3.9	40	40.5	43	46	448	49	52	55
Available Size	58	62	67	72	77	82	86	95	105	



Repels Water Droplets

High water repellency protects the filter from water.



Oil Repellent Coating

Resistant to Stains

Amazing oil repellent performance allows easy wiping, which makes maintenance easier.



Satin Finish & Knurling

Pursues Higher Image Quality and Easier Handling Reduces flare and ghosting and supports filter attachment.



Blackened Outer Rim

Reduces Internal Reflections

Flare and ghosting are reduced by reducing internal reflections with blackened outer rim of the glass.



09 | DHG SUPER | 10 | DHG SUPER | 10



DHG UV (L390)(L370)



OHG series

Standard UV Cut Filter Designed for Digital Cameras

Marumi's long-selling model invaluable for outdoor shooting, which supports wide-angle lens and employs ultra-thin frame design with knurling.



Available Size (mm) 49 52 55 58 62 67 72 77 82

DHG Lens Protect



Long-Selling Reliable Lens Protector

Long-selling basic product of Marumi filter since its release ahead of the industry. It supports a wide-angle lens and employs ultra-thin frame design with knurling.



Available Size	27	20	40	40.5	43	46	AR	40	52	55
Available Size	- 31	20.00	-10	-10.5			TILL	70	UL	33
(mm)	50	62	67	72	77	82	86	OF.	105	

DHG Circular PL



Ultra-Thin Frame and **Knurling for Easy Operation**

Reducing reflections of the subject and emphasizing color contrast make the picture more vivid. This is applicable to various scenes.



Available Size	37	39.	40	40.5	43	46	48	49	52	55
(mm)	58	62	67	72	77	82	86	95	105	_

FIT + SLIM MC UV (L390)(L370)



Basic Filter with Both Lens Protection and UV Cut

UV cut lens protective filter having multi-layer coating. Tightly holds the lens cap despite the ultra-thin frame.



FIT + SLIM MC Lens Protect



Basic Lens Protector with Ultra-Slim Frame

Multi-coating reduces reflections. Tightly holds the lens cap despite the ultra-slim frame.



Available Size	37	39	40	40.5	43	46	48	49
(mm)	52	55	58	62	67	72	77	82

FIT + SLIM Circular PL



Slim Frame Reduces Vignetting Basic Polarizing Filter

Emphasizes color contrast and reduces reflections. Tightly holds the lens cap despite the slim frame.

SATIN	5/		

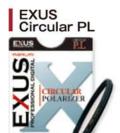
Available Size	37	39	40	40.5	43	46	48	49
(mm)	52	55	58	62	67	72	77	82

Circular Polarizer

The natural color will be lost if the contrast is forcibly increased drastically by digital setting.

Vivid color pictures with natural gradation can be enjoyed by using the polarizing filter.





DHG Super Circular PL



DHG Circular PL FIT + SLIM Circular PL





■Vivid Blue Sky

CIRCULAR POLARIZER





■Cut Reflection to See Through the Water





■Minimize the glare from leaves to capture the real colors





■Reduce reflections on glass surfaces





Rotate the filter frame (rotating ring) to adjust the

contrast settings.











List of Features

Filter Feature	Polarizing Effect	Oil Repellent	Water Repellent	Antistatic
EXUS Circular PL	0	0	0	0
DHG Super Circular PL	0	0	0	
DHG Circular PL	0			
FIT + SI IM Circular PI	ŏ			

13 CIRCULAR POLARIZER CIRCULAR POLARIZER 14

HOW TO USE





How can I check the filter size of my lens?



Filter size is indicated on the back of the lens cap as "XX mm."





Are polarizing filters too difficult for a beginner? How do I attach and operate them?

Beginners can also use these polarizing filters. Step up your landscape photos with ease.



CIRCULAR POLARIZER HOW TO USE



Check that the filter frames are double-framed with a rotating (front) ring and a fixed (rear) ring.





Viewing the lens from the front, hold the fixed ring and rotate it clockwise to attach.





The polarizing effects can be checked by turning the rotating ring either to the right or left.

★ The effects of a Circular PL filter cannot be seen just by attaching it.

Under clear sky Avoid backlight Look through the viewfinder/ at LCD screen

Turn the rotating ring

**Change the shooting position and try again if a desirable color contrast is not obtained.



I've only taken pictures with the Scene Mode on my camera. Can I still use this Mode?



You can use the **Scene Mode** as usual and let the camera do the work.

- ★Shoot with front light to increase the contrast of a blue sky.
- ★Shoot at 30-40° from the water's surface to eliminate light reflection on the surface.
- ★Turn off the flash.



You can easily improve your photos!



What is the recommended mode for more advanced photo shooting?



Try Aperture-Priority Auto (A/AV Mode), often used for landscape photos.

Set the Mode to

A/AV Mode







What are the camera settings when I use Aperture-Priority Auto (A/AV Mode)?

Start with the following settings.



- ①Set ISO to 100 or 200.
- ②Set White Balance (WB) to Daylight or Auto.



- 3Check Exposure Compensation is at 0.
- Start with the f-number at F8.0.
 Adjust the aperture and check the results.
 For example, decrease the f-number (to F7.1, F5.6, etc.) to blur the background, and increase the f-number (to F9, F10, etc.) to get a sharp background.



Check the definition of unfamiliar terms in Basic Camera Terminology on page 29-30.



The photos turned out dark. Is there a solution?



Move the exposure compensation value in the "+" direction to make the photos brighter.

-3..2..1..0..1..2..+3



Set Exposure Compensation to

Slow the shutter speed to create a brighter image.

Set Exposure Compensation to



...

Increase the shutter speed to create a darker image.



Are there any other recommended techniques for shooting landscapes?



Slow shutter shots, which can capture the ethereal flow of water, are highly recommended.

See page 19 for details

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ND FILTER

Control the Lights and Shape the Time.

The invisible becomes visible.

The DHG ND series allows you to adjust the shutter speed.

ND filters prevent overexposure (blown-out highlights) when taking photos with a slow shutter speed in a bright place to enable a fantastic expression of waterfalls and streams.

The DHG ND series controls the amount of light without interfering with the colors of the subject and is available in four levels of dimming from ND8 to ND64 to allow the selection of filters suitable for the shooting conditions or desirable finish.















DHG ND8

ND FILTER









DHG ND16









DHG ND32









DHG ND64









*The effects may vary depending on the shooting environment.

shutter speed Slow

17 | ND FILTER

HOW TO USE





How can I take slow shutter photos?



Set the Mode to







Set the camera to Shutter-Priority Auto (S) (TV) Mode.

Check the definition of unfamiliar terms in Basic Camera Terminology on page 29-30.



ND FILTER HOW TO USE

What are the camera settings?

Start by setting as follows.



①Set ISO to 100 or 200.

- ②Set White Balance (WB) to Daylight or Auto.
- 3Check Exposure Compensation is at 0.
- Start from a shutter speed of 1/4 second When the image seems too dark, slow the

shutter speed to 1/2 sec., 1 sec., and so on to take in more light and check the results.



★ With a digital camera you can take as many photos as you like until you get the finish you want!



Can I use Auto Focus (AF) to let the lens focus by itself?



Auto Focus may or may not work when an ND filter is attached. If AF does not work, change the setting to Manual Focus (MF).





What happens if I take photos with a slow shutter speed without using an ND filter?







When taking photos with a slow shutter

speed in a bright place, your photos may not capture the fluidity or may result in overexposure (blown-out highlights on the left image).



Why does an ND filter make shutter speed slow?







Shutter speed slows down Capture an intentionally blurred image to express the sense of fluidity

0

Which of the 4 types of DHG ND series should I choose?

For first time users of ND filters, the user-friendly ND8 or ND16 is recommended.







Is there any mode which allows me to adjust the blurriness of the background?

Use Aperture-Priority Auto (A/AV Mode) to adjust the blurriness to your taste.









See page 16 for details

Once you are used to using ND filters, adjust the shutter speed (by turning the dial) according to the scene. Try shooting slow shutter photos!

ROSS FILTER Dazzling Finish with Cross Effects

The DHG Cross series adds a starburst effect on point light sources to create sparkling photos of illuminations and nightscapes.

Reduce ghosting and flares caused by reflected lights and get clear, enhancing effects for nightscape shots.

CROSS FILTER

DHG 4x Cross Turns a light source into a 4-point star





Turns a light source into **DHG 6x Cross** a 6-point star





Turns a light source into **DHG 8x Cross** an 8-point star















Useful for daytime photo shoots, too!

Cross filters add accents to scenes with rivers, lakes and water fountains. Make ordinary waterscapes shine!









film a whimsical video with sparkling rays of lights.



SOFT FILTER

Create Soft and Gentle Impressions

MACRO FILTER

Magnify in Close-up

Add a soft touch to the photos of flowers, women and babies

The DHG Soft series filters generate soft effects on the photos while keeping a clear focus. The photos will turn out soft and gentle with smooth blurs by simply attaching this filter to the lens.



SOFT FILTER











*Soft effects can be affected by the light

DHG Soft Fantasy

For adding slight softness to the photos









DHG Soft Fantasy II

For generating stronger soft effects

NEW









ONE POINT

Slight overexposure and slightly larger aperture are recommended for portrait photos.

Available Size (mm)

Enjoy shooting macro photos with ease

Reducing the minimum focusing distance of the lens makes it possible to take magnified images of small objects such as flowers.













DHG Macro 3



Convenient to Carry Around for Close up Shooting

Lightweight and Compact

This filter is very light, at 100 g or less. It's a pocket-sized filter, so is easy to carry around in a camera bag or in a pocket. You can enjoy close-up photography at will.

Available Size								49
(mm)	52	55	58	62	67	72	77	100

DHG Achromat Macro 200(+5)



Close-up Picture with Clearness Including Periphery

330(+3)



Allows close-up shooting, as the minimum object distance can be shortened.

Chromatic aberration on periphery is also reduced by using multiple lenses.

Available Size (mm)





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CREATION SERIES

CREATION VARI. ND2.5-ND500

Wide variable range: ND2.5 to ND500 (11/3 to 9 stops)



Reduction of light volume can be adjusted over a wide range from 1/2.5 to 1/500 without any influence to the color balance. This filter has ultra-thin frame despite its double frame structure. It makes vignetting extremely low and supports easy handling.



Max.: ND500 (9 stops)



Min.: ND2.5 (1 1/3 stop)

For easy focus adjustment with ND filter

It is not easy to adjust focus when using the high density ND filter because the finder becomes dark. The ND filter has to be detached before taking a picture to adjust focus.

When using the variable ND filter, the finder can be bright by only rotating the filter ring to lower density. There is no need to detach the filter when adjusting focus.

Indispensable for DSLR movie

When shooting movie with DSLR under bright condition, such as outdoor under fine whether, the shutter speed tends to go up 1/500, 1/1000 sec., all the more when fixing the aperture for the desired depth of field. The movie with high shutter speed is likely to be flash motion. The variable ND filter is very useful to avoid it, as the shutter speed can be slower.

REMARK In the range of high density, the cross pattern image may happen depending on shooting condition.







tripod is recommended.





CREATION C-PL/ ND8/ND16/ND32



Two-in-One functions -There is no need to stack two filters!

C-PL/ND filter has dual purpose polarizer and ND functions 2 in 1. This filter employs slim profile frame to prevent vignetting. It is useful to reduce reflections and set the slow shutter when shooting water splash, streaming, etc.









Available Size (mm)			
CREATION C-PL/ND8	58	77	82
CREATION C-PL/ND16	58	77	82
CREATION C-PL/ND32		77	

DHG ND-100000



Shooting using a

Available Size 58mm 77mm

tripod is recommended.

Need Special Filter for Solar Eclipse Shooting

This is a special filter for shooting the sun, which has special effect to withstand the light and heat from the sun, and can reduce the light volume to 1/100,000 in order to shoot the sun.



Total or annular solar eclipses visible in the world within the next three years

Month/Day/Year	Location	Type of Solar Eclipse
2/26/2017	South Pacific Ocean to Chile and Argentine in South America-Africa	Annular
8/21/2017	Across the U.S.A. from Oregon to South Carolina	Total
7/2/2019	South Pacific Ocean to Chile and Argentina	Total
12/26/2019	Middle East to Indian Ocean and Southeast Asia	Annular

*Listed date is described based on "UTC date at the time of maximum phase of an eclipse."



Caution: To shoot the sun

Never look into the optical finder

Do not expose the lens to the sun without attaching the filter

FILM CAMERA



Filters for everyday use to protect your lenses

Protective Filters





Taking photos under strong UV rays results in color photos with a blue tinge or black-and -white photos with a white haze. MC-UV, which cuts UV rays, is essential for seaside and mountain photography on a clear day.



Skylight 1B

A filter that removes blue tinges from the photos taken on a clear day. The shadows of the subject take on a blue tinge due to skylight under a clear sky. 1B corrects this phenomenon.



Eliminate light reflections and improve color contrast

Polarizing Filter series



FILM CAMERA











PL/C-PL





A Polarizing Filter is recommended for taking color photos of landscapes. Deep blue sky and clear clouds can be captured to produce an image with high color contrast. Furthermore, transparency can be achieved by eliminating reflections on the water's surface or display windows.

*The DHG series of Circular PL filters with a thin frame, which results in less vignetting, are recommended for wide-angle lenses.













The multi-coated (MC) Circular PL filter with a standard ring is designed for use with a film camera.

AF/MF Circular Polarization



MF Suitable for MF cameras

AF/MF Suitable for both AF and MF cameras

Simple step for a dynamic close-up photo

Close-up Filters



Close-up Lenses MC+1/+2/+3/+4



Macro MC+10



Simply attach a close-up lens to the camera lens for easy close-up capture. Unlike a zoom lens with macro capabilities, there is no fixed object distance or magnification. The filters work with all the zooming range. Magnification can be changed by zooming and focusing. *Macro MC+10 is designed to be thick, and thus may not be able to fit on certain

MC/Close-UP SET (+1·+2·+4)

lenses.

Blur the surrounding to highlight the center with the spot







Blur the surrounding and keep the center sharp and focused. Best for a wide-angle lens.



Comparison of the soft effects

*This diagram shows a simple comparison of blurriness. The actual effects may not follow the table exactly, depending on the lens being used and the shooting conditions. The appropriate aperture is about F5.6. Larger aperture results in larger effects. eak Silky Soft A
Diffusion

Diffusion II

Silky Soft B/ Spot
Sand Spot/ Foggilizer

27 | FILM CAMERA

Basic Camera Terminology



Aperture

A hole through which the light enters the camera. The amount of light that enters through the hole (brightness), expressed as a f-number (e.g. F1.4, F5.6, etc.), is adjusted by the size of the hole. A smaller f-number means a larger aperture to allow more light to enter (brighter) while a larger f-number means a smaller aperture with less light (darker).

[Open up: set the f-number to a smaller number]
[Close down: set the f-number to a larger number]

Shutter Speed

The length of time the shutter curtain is open to take in light is expressed in seconds (e.g. 1/60 sec., 1/125 sec., etc.). At a fast shutter speed, the shutter opens and closes quickly to capture a moving subject without blur; whereas a slow shutter speed results in a blurred subject. In addition, less light enters at a fast shutter speed, while more light enters at a slow shutter speed.

ISO Sensitivity

ISO is the acronym for International Standards Organization that governs sensitivity rating for camera censors. The sensitivity of an image sensor which receives the light is expressed as an ISO value, such as ISO 100 and ISO 800. A higher ISO means greater sensitivity, resulting in a bright image with a fast shutter speed and a small aperture, however, it can lead to image deterioration due to increased noise. To obtain higher image quality, a lower ISO is ideal.

Aperture-Priority Auto

A shooting mode that automatically adjusts the shutter speed according to the selected aperture (f-number). Smaller f-numbers result in a shallower focus area (depth of field) with a blurred background; whereas larger f-numbers produce a deeper focus area and thus a sharper overall image. *Recommended value for landscape photography is around F8.0-F11.

Shutter-Priority Auto S/TV

A shooting mode that automatically adjusts the aperture (f-number) according to the selected shutter speed. By setting a shutter speed as you desire, you can freeze a moving subject at a fast shutter speed



moving subject at a fast shutter speed or capture motion blur at a slow shutter speed.

P Mode Program Auto

A user-friendly shooting mode with which a camera automatically adjusts aperture and shutter speed. This mode can be used for a variety of subjects with the Program Shift function that allows the adjustment of aperture and shutter speed without changing the exposure setting.

M Mode Manual Exposure

A shooting mode for advanced photographers, which allows fine adjustments to aperture (f-number) and shutter speed. This mode lets you freely adjust exposure as you wish and makes diverse creations possible.



White Balance (WB)

The types of light source, such as sunlight, light bulbs and fluorescent light influence the color tone of a photo. White balance (WB) is a function that corrects the color tone to capture actual colors as you see them. Select a WB mode such as Daylight, Fluorescent and Cloudy, according to the shooting conditions.

Focal Length

The distance between the lens and the image sensor when in focus, expressed in values such as 35 mm or 80 mm for a fixed focal lens and 35-150 mm, etc. for a zoom lens. Longer focal lengths result in a narrower angle of view (area visible in a photo), making it possible to capture a large image of a subject at a further distance. Shorter focal lengths, on the other hand, capture a wider area.

Exposure

The appropriate brightness can be achieved by adjusting the amount and duration of light the image sensor receives (exposure). A normal exposure photo captures the actual brightness of the scene whereas overexposure results in a picture that is brighter and underexposure results in a picture that is darker.

29|GLOSSARY GLOSSARY|30



Hardened Glass 7 Times Stronger Than **Conventional Products**

Hardened glass with Vickers Hardness Number 700Hv is used to achieve 7 times strength of conventional products.





High Transmission Polarizing Film

EXUS / Circular PL



Focusing is easier than with conventional polarizing filters, so the polarizing effect can be verified more easily. Fine expression is possible as the shadow portions of the subject aren't lost as easily.





Blackened Outer Rim

DHG SUPER DHG

Reduces Internal Reflections

Flare and ghosting are reduced by reducing internal reflections with blackened outer rim of the glass.





Coating

Ultra-low Reflection

EXUS LensProtect

Minimizes the surface reflections to get the original performance of the lens.





EXUS Lens Protect SOLID







Antistatic Coating

Prevents Adhesion of Dirt and Dust, etc.

Prevents adhesion of fine dirt and dust by reducing electrostatic charge. Dirt/dust can be easily blown off by a blower, etc., thereby supporting smooth cleaning.





Water & Oil Repellent Coating

Water and stain are repeled and can be removed easily, if they attached to the

It makes maintenance easy.

Special Coating Preventing

Deterioration in Image Quality

Comparison of Water Repellent Effect





Dynamic Coating





Multi-layer coating reduces surface reflections

Structure

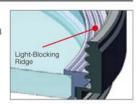
Frame

Light-Blocking Ridge

EXUS LensProtect Circular PL

Specially Designed Frame for Preventing Deterioration in Image Quality

Light-blocking Ridge is added to reduce diffused reflections.





Ultra-Thin Frame Design

EXUS DHG SUPER DHG FIT + SLIM

Frame Design with Extremely Low Vignetting



Approximately THINNER

Approximately THINNER







Conventional Filter

Conventional Filter



Male Thread:Teflon Coating EXUS Circular PL

Smooth Attachment to / Detachment from the Lens

Reducing strong biting of filter frame for lens during the shooting allows smooth attachment to / detachment from the lens.





Satin Finish & Knurling EXUS DHG SUPER DHG FIT + SLIM *Satin Finish Only

and Easier Handling Reduces flare and ghosting and supports filter





attachment.

Lens Cap and Hood Attachable DHG SUPER DHG FIT + SLIM

Lens cap and hood can be attached

SINCE 1952

MADE in APAN

MARUMI SPIRITS

We at Marumi provide our customers with high-quality, high-performance products as well as top-notch service.



SINCE 1952

Established in 1952, Marumi Optical has been a manufacturer of camera filters for over 60 years.

Guided by our company slogan of "Constantly Continuing to Create New Products," we at Marumi continue to deliver industry-leading filters to customers worldwide. This is made possible by the technology and culture of our Nagano Plant with its integrated production system and through friendly collaboration with our distributors, who are always ready for new challenges. From Nagano to the world, our commitment to quality knows no bounds.

Where are Marumi Products Produced?

Nagano Prefecture is located in the center of Japan. The Marumi Nagano Plant is surrounded by the southern and central Japanese Alps in an industrial city with a favorable environment and

a thriving technology industry. Surrounded by companies that make precision machinery and other equipment, it is the perfect environment for us to develop and manufacture Marumi filters.

The Marumi Nagano Plant

Nagano Plant The Source of High-Quality and **High-Performance Products**

With a strong focus on in-house manufacturing, we have developed an integrated system for research, development, manufacturing and inspection at our Nagano Plant. We continue to address the challenges of global markets with new Marumi-branded products that rely on the skill, proficiency, and experience of our engineers at the Nagano Plant.

Global Standard Environmental Management System to Ensure High Quality

Nagano Prefecture has been blessed with pure water, clean air, and other natural resources - an ideal environment for craftsmanship to flourish. We have adopted environmental assessments based on global standards so that our Nagano Plant can continue providing users worldwide with the very best products. We strictly abide by ISO 14001.



COMPANY PROFILE

2009: Acquired





2010: Acquired ISO 14001 certification.



FILTER LINE UP

FILTER LINE UP

Filter Size (mm)	V27	V28	V30	30.5	37	39	40	40.5	43	46	48	49	52	55	58	62	67	72	77	82	86	95	105	112
EXUS Lens Protect SOLID												•	•	•	•	•	•	•	•	•				
EXUS UV (L390)												•	•	•	•	•	•	•	•					
EXUS Lens Protect					•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•		
EXUS Circular PL					•			•	•	•		•	•	•	•	•	•	•	•	•				
DHG Super UV (L390)												•	•	•	•	•	•	•	•					
DHG Super UV (L370)																					•	•	•	
DHG Super Lens Protect					•			•	•	•		•	•	•	•	•	•	•		•	•		•	
DHG Super Circular PL					•			•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	
DHG UV (L390)												•	•	•	•		•	•		•				
DHG UV (L370)										•													•	
DHG Lens Protect							•	•	•	•			•	•	•	•	•	•		•	•	•	•	
DHG Cîrcular PL					•		•	•	•	•		•	•	•		•	•	•	•	•	•	•		
FIT + SLIM MC UV (L390)												•		•		•	•	•		•				
FIT + SLIM MC UV (L370)								•	•	•														
FIT + SLIM MC Lens Protect								•	•	•		•		•	•		•							
FIT + SLIM Circular PL								•	•	•		•	•	•		•	•							
DHG ND8 / 16 / 32 / 64								•	•	•		•	•	•	•		•							
DHG ND-100000															•									
DHG Star Cross / 6X Cross / 8X Cross					-							•	•	•						•				
DHG Soft Fantasy-Soft Fantasy II												•	•	•	•		•	•						
DHG Bluehancer / Redhancer / Greenhancer								-				•				•	•	•						
DHG Macro 3												•						•						
DHG Achromat Macro 200(+5)									-			•				•	•							
DHG Achromat Macro 330(+3)												•	•	•	•	•	•		•					
CREATION VARI. ND2.5-ND500									-						•		•		•					
CREATION C-PL/ND8 / 16 / 32															•									
UV (Haze)	•							•	•	•	•	•		•			•							
MC-UV (Haze)								•	•		•	•		•		•	•							
Skylight 1B								•	•	•	•	•	•		•	•	•	•						
MC-Sky 1B											•						•							
Linear Polarizer								•	•	•	•	•		•		•								•
Circular PL									•		•		•	•	•			•	•		•			
MC-Circular PL	-				•			•	•	•	•	•	•	•	•	•	•	•	•		00.7	1000		
Foggilizer				•							•	•	•	•	•	•	•	•	•					
Diffusion								•	•	•	•	•			•						•			
Silky Soft A / B												•		•			•	•						
Close-UP Lens +1 / +2 / +3 / +4										•	•													
MC Close-UP Lens +1 / +2 / +3 / +4								•	•	•	•	•		•										
Close-Up Set (+1,+2,+4)									•	•	•	•		•										
MC Close-Up Set (+1,+2,+4)								•		•		•		•		•		0						
Macro +10										0.500	1000000						72-5		200					
ND2X / 4X / 8X										•	•	•				•		•						
MC-ND2X / 4X / 8X								•	•		•													
Cross Screen				•	•			•	•	•	•	•	•		•					•	•			•
6X-Cross								•	•	•	•									•	•			
8X-Cross	•			•	•			•	•	•	•	•	•	•	•	•	•	•			•		•	•
GC Brown / Blue / Grey	-							•	•	•	•	•			•		•				0.00	275		
UV-IR Cut										Ť		Ť	•					•						
Infrared HWB830													2500		-		•							
Infrared HB700																	•							

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ACCESSORIES

Step Up Ring

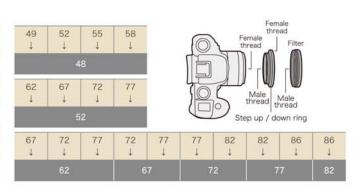
Male(mm)	27	28	30	30.5	3	4				
Female(mm)	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	37	37	37	37	37	52	40.5	43	46	49
Male(mm)			4	6				48		49
Female(mm)	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	48	49	52	55	58	62	49	52	55	52
Male(mm)			55				5	8	///	62
Female(mm)	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	58	62	67	72	77	62	67	72	77	67

	37		3			40).5			4	3	
↓ 52	↓ 55	↓ 58	↓ 49	↓ 52	↓ 43	↓ 46	↓ 49	↓ 52	↓ 46	↓ 48	↓ 49	↓ 52
		4	9					5	2			
↓ 55	↓ 58	↓ 62	↓ 67	↓ 72	↓ 77	↓ 55	↓ 58	↓ 62	↓ 67	↓ 72	↓ 77	
6	2		67		7	2	77	82				
↓ 72	↓ 77	↓ 72	↓ 77	↓ 82	↓ 77	↓ 82	↓ 82	↓ 86				

Step Down Ring

ACCESSORIES

Female (mm)	43	46	52	46	48	49	52	55	58
	↓	↓	↓	↓	↓	↓	↓	↓	↓
Male (mm)		37		43			46		
Female (mm)	52	55	58	62	67	72	77	55	58
	↓	↓	↓	↓	↓	↓	↓	↓	↓
Male (mm)				49				5	2
Female (mm)	58	62	67	72	77	62	67	72	77
	↓	↓	↓	↓	↓	↓	↓	↓	↓
Male (mm)			55				5	8	



Lens Cap / Lens Hood

Filter Size (mm)	37	40.5	43	46
Snap-On Lens Cap with Keeper				
Snap-On Lens Cap with Simple Keeper	•			
Snap-On Plastic Lens Cap			•	
Rubber Lens Hood	•		•	
Wide Rubber Hood				

	52		58	62	67	72	77	82
	•	•	•	•	•	•	•	
•								
•	•						•	
•	•	•	•	•	•	•	•	
•								

Soft Filter Case (Color: Black / Gray)

S size : up to ϕ 52mm x 6 pcs. M size : up to ϕ 62mm x 6 pcs. L size : up to ϕ 82mm x 6 pcs.





How to Maintain the Filter

Daily Maintenance

Blow dirt and dust by a blower or wipe with a cleaning paper or cloth, etc.



For Heavy Stains

For heavy stains, use lens cleaning liquid and a cleaning cloth or paper, etc.

*Care should be taken, as using an abrasive lens cleaner might result in removal of the coating.

Cautions in Conducting Maintenance

Never use water or detergent for cleaning the filter.

*When not used, store the filter in the filter cas, in order to prevent adhesion of dust, and scratches.

