laservision®

Laser Safety

EYEWEAR

Dermatology

---

we protect your eyes

laservision®

Rapid advancement in laser technology makes laser safety more important than ever before. New lasers in medicine, defense, research and industry present unique challenges for safety and personal protection.

laservision USA, part of uvex safety group, is committed to providing you the best and most advanced laser safety protection. Our Certified Laser Safety Officers (CLSOs) are available to help customers worldwide find the protection they require.

LASER SAFETY
Eyewear - Dermatology

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800-393-5565 info@lasersafety.com lasersafety.com

we protect your eyes

Our brand vision

As a leading manufacturer of laser safety products, we are committed to providing innovative products and services, based on the precise needs of our customers. Protecting you from artificial optical radiation is our core mission. With our high level of proficiency, new ideas and a dedication to customer service, we will meet this challenge.

Our attention to detail throughout the entire process allows us to guarantee high-quality, dependable products and personal service. We operate according to three core brand values to ensure we meet the highest standards of safety and reliability: Innovation, Quality and Customer Orientation.

Innovation

laservision delivers certified eye protection against laser radiation. As advancements in laser technology continue, we constantly address new challenges with innovative products and services. Comprehensive experience and a motivated team are the perfect combination to ensure the continued development of new laser safety solutions. We stay true to our mission of **“we protect your eyes”**.

Quality

Since 1987, the name laservision has been synonymous with first-class quality you can rely on. Our well-established technology and development expertise ensures that our products are a step ahead. ISO-certified processes guarantee the reliability, precision and durability of laservision products.

Customer orientation

We understand the precise needs of our customers. This knowledge forms the basis and focus of our work. By request, we develop and manufacture customer-specific laser protection products in close collaboration with independent certification bodies. From individual product development to qualified advisory services, protection of health is the core focus at laservision, in line with the uvex group’s brand mission: protecting people.

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Our products and services

As your worldwide **LASER SAFETY** expert for more than thirty years, laservision offers a full-array of laser safety products, keeping you safe from laser applications in medical, research, military, industrial, manufacturing and more.

Eyewear and filters

Manufactured in-house, we offer a wide range of laser safety eyewear filters that provide varying degrees of protection and visible light transmission (VLT) levels, and a wide selection of frames that offer comfort, style, durability, and maximum field of view. Custom solutions are created based on your laser safety requirements.

Barriers (curtains, panels and enclosures)

We have developed a complete line of laser protection systems with well-adapted accessories tested to withstand a variety of laser output parameters. Barrier frames are designed to reduce specular reflections and are supported by heavy-duty hardware that can be mounted or portable to meet your specifications. Curtains and panels can be custom ordered to fit any space.

Windows

Our large selection of laser safety windows can be customized to facilitate most laser environments, including doors, rooms, walls, laser systems and enclosures. The ultimate protection is our Active Window that will automatically shut down the laser when struck by a stray beam.

Consulting, training and audits (online or in-person)

Laser Safety Officer and Awareness training programs are created and taught by Certified Laser Safety Officers (CLSOs). These programs are designed to address safety issues and present methods for controlling laser hazards. Custom training options are available. Contact us for laser safety audits and regulatory approval assistance to be in compliance and avoid accidents and penalties with OSHA and ANSI.

Dermatology and Aesthetic Laser Safety

Our laser safety eyewear provides certified protection for dermatologists, clinicians and their patients.

laservision has created laser glasses for safe tattoo removal, skin therapy, facial spider vein, hemangioma, rosacea laser treatments, and more.

Filters by laser type:

- CO_2 laser applications: P5D04
- IR lasers - for excellent color recognition: P5M01, P5P10
- Alexandrite, Diode, Dye, Excimer, and Nd:YAG (4H) laser applications: P5F01
- Alexandrite, Diode, Dye, Excimer, Nd:YAG (4H), and Nd:YAG laser applications: P5L07

Patient Protection

Page 8

During medical laser treatments, patient eye protection is extremely important. laservision provides your patients with excellent protection for laser treatments performed over the facial area.

IPL

Page 10

Intense Pulse Light protection for your staff and patient protection.

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Medical Laser Safety
Window Covers/Barriers

Our laser safety window covers and barriers are the perfect solution for operating rooms and other areas lasers are used. Material with cleanroom properties available.

Medical Laser Safety
Audits / Consulting / Training

Services developed for doctors, nurses and other medical personnel working in a medical setting using lasers. laservision employs Certified Medical Laser Safety Officers to perform all consultations and training. Our training is designed to address safety issues and present methods for controlling hazards, in accordance with the OSHA referenced:

ANSI Z136.3 standard

"Safe Use of Lasers in Health Care Facilities"

Medical Laser Safety
Awareness training

This course covers laser safety training for clinical and technical aspects with you and your patient's health as the number one concern.

Medical Laser Safety
Officer training (MLSO)

This course covers clinical, technical and administrative aspects of laser safety, including how to create a successful laser safety program.

Laser Safety
Signs and labels

Keep personnel safe and aware with appropriate signs and labels in laser environments. laservision provides a complete line of warning, caution, danger and notice signs that are available in both standard and custom formats.

We will **customize** your sign for any laser application, including options for additional languages.

Sign material:

- Lighted Sign (12”x16”x2”)
- Plastic (10”x14”x1/8”)
- Magnetic (10”x14”x1/8”)
- Label (10”x14”)
- 3 Labels at: (5”x3”), (3”x2”), (2”x1.5”)

Laser Safety
Gloves

- Certified for diode and Nd:YAG (800...1100 nm)
- Tested at 4.7 W/cm² against laser radiation of 1064 nm wavelength before exceeding the MPE Skin-Value
- Durable and comfortable
- Coated finger tips and palm protects delicate laser optics and optical elements from sweat and other liquids

ALG.FC31.1007 Extra small size
ALG.FC31.1008 Small size
ALG.FC31.1009 Medium size
ALG.FC31.1010 Large size

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Medical Laser Safety
Patient Protection

During medical laser treatments, patient eye protection is extremely important. laservision provides your patients with excellent protection for laser treatments performed over the facial area.

Silicone Eye Shields

P07.P1P11.1000

Developed in close cooperation with medical professionals and is compatible with virtually all medical lasers.

- High protection rating and comfortable to wear
- Flexible nose bridge and strap
- Re-usable self-adhesive eye caps
- Bridge moves to allow treatment of the nose

P07 Specifications

Eye Cap Width	45 mm
Eye Cap Height	32 mm
Distance Between Caps	15 - 50 mm
Frame Height	40 mm
Frame Length	82 mm
Frame Width	170 - 220 mm
Temple Length (Strap)	Adjustable

Specifications - CE Certified

180 - 315 D LB10 + IR LB5 + M LB6
>315 - 1400 D LB6 + IR LB9 + M LB7
>1400 - 11500 DI LB4
LV CE

Re-usable and exchangeable caps

Stainless Steel Eye Shields

P04.M1P02.5000

- Bend-to-fit adjustable nose piece
- Non-reflective brushed stainless steel
- Easy to clean and strong to last
- Access to nose and around eyes

P04 Specifications

Eye Cap Width	48 mm
Eye Cap Height	30 mm
Distance Between Caps	25 mm
Frame Height	30 mm
Frame Length	Adjustable
Frame Width	122 mm
Temple Length	Adjustable

Specifications - CE Certified

180 - 315 D LB9 + R LB3
>315 - 1400 D LB6 + IR LB7
>1400 - 11600 DI LB4

EyeLids

P10.P5P13.5001

Ergonomically shaped to fit the contours of eye for maximum protection and comfort

- High laser protection rating
- Disposable - economical solution
- Comfortable soft material
- High resistance to thermal and optical energy
- Easy to grip handles allow for repositioning
- Access to nose and around eyes

Sold in a pack of 12

P10 Specifications

Eye Cap Width	50 mm
Eye Cap Height	32 mm
Eye Cap Depth	22 mm

Specifications

OD 7+ @ 190 - 11000 nm

Safe for use with:

Lasers, IPL, LED, UV, Microdermabrasion, Chemical Peel, Facial Therapies

Pediatric Laser Safety

PKT.P5P10.5000

Pediatric Laser Safety Eyewear Kit is designed to protect children's eyes from laser exposure during laser procedures. Eyewear is sold individually or as a kit.

- Kit includes two eyewear and cleaning solution
- Frame colors may vary
- Available in most polycarbonate filters

PKT Frame Specifications

Lens Width	49 mm
Lens Height	28 mm
Distance Between Lenses	18 mm
Frame Height	33 mm
Frame Length	144 mm
Frame Width	130 mm
Temple Length	100 mm

Specifications

OD 8+ @ 1030 - 1400 nm,
OD 4+ @ 1400 - 3600 nm

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Intense Pulse Light (IPL)
Filter Protection

For use during IPL procedures to reduce the amount of intense light, and protect your eyes from dermatology procedures.

Grey IPL Eyewear

F18.P5L04.5000 and F22.P5L04.5000
F18.P5L05.5000 and F22.P5L05.5000

- Provides excellent color recognition and is ideal for cosmetic applications
- Lightweight and fits over prescription eyewear
- Innovative flex temples with hinges

F18 F22

See page 13 for frame specifications

P5L04
Grey Shade 3

P5L05
Grey Shade 5

Green IPL Eyewear

F.4.P5IPL3.5000 and F.4.P5IPL5.5000

- Lightweight and fits over prescription eyewear
- For IPL or other high brightness non-coherent light sources

F.4 Specifications

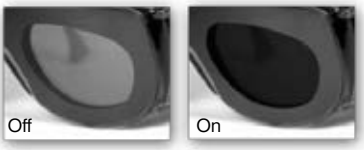
Lens Width	122 mm
Lens Height	46 mm
Distance Between Lenses	0
Frame Height	55 mm
Frame Length	140 - 152 mm
Frame Width	148 mm
Temple Length	88 - 110 mm

P5IPL3
Green Shade 3

P5IPL5
Green Shade 5

IPL Auto Darkening Protection

Advanced Pulse technology that automatically darkens with IPL flash to protect your eyes, eliminate eye strain, and prevent headaches.



Pulse F04.P5IPLH.5000 (Clear)

- Patented auto-darkening technology
- Glare reduction factor 9 in Protection Mode
- Sensor detects IPL and darkens filter in 0.5 milliseconds
- Recovery time between modes is 0.5 seconds

Pulse Frame Specifications

Lens Width	48 mm
Lens Height	35 mm
Distance Between Lenses	30 mm
Frame Height	60 mm
Frame Length	120 - 140 mm
Frame Width	154 mm
Temple Length	110 - 125 mm

Also available :
F04.P5IPLP.5000 (Green)

Pulse XTR F04.P5L11.5000

- Transitions between viewing and protection modes in less than one millisecond
- Full color visible transmission in viewing mode
- Glare reduction factor of 9+ in protection mode
- Flip-up shield protects auto-darkening LCD
- Weight of 42 grams makes this the lightest auto-darkening eyewear on the market

Pulse XTR Frame Specifications

Lens Width	45 mm
Lens Height	32 mm
Distance Between Lenses	30 mm
Frame Height	48 mm
Frame Length	162 mm
Frame Width	154 mm
Temple Length	105 mm

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Frame styles

At laservision, we offer a variety of standard and fit-over frames to accommodate your specific needs. Our frames are built for comfort and protection and are made to fit multiple filters.

F01

F02

R10

F07

F09

F12

F14

F16

F19

F20

F21

F18

F22

F24

F25

F29

F30

F31

F32

Frame styles

F01

- Lightweight frame
- Soft earpieces provide extra comfort
- Optional prescription insert
- Duoflex temples - height and angle adjustable

F01 Frame Specifications

Lens Width	52 mm
Lens Height	38 mm
Space Between Lenses	26 mm
Frame Height	45 mm
Frame Length	140-150 mm
Frame Width	135 mm
Temple Length	110-130 mm
Temple Angle Adjustment	12˚

Prescription Insert A01.RX

F02

- Large lens size for greater field of view
- Soft earpieces for comfort
- Duoflex temples - height and angle adjustable

F02 Frame Specifications

Lens Width	61 mm
Lens Height	49 mm
Space Between Lenses	13 mm
Frame Height	55 mm
Frame Length	130-141 mm
Frame Width	146 mm
Temple Length	87-107 mm
Temple Angle Adjustment	12˚

R10

- Heavy-duty, metal-reinforced frame
- Fits over most prescription eyewear
- Duoflex temples - height and angle adjustable

R10 Frame Specifications

Lens Width	66 mm
Lens Height	50 mm
Space Between Lenses	12 mm
Frame Height	59 mm
Frame Length	130-149 mm
Frame Width	155 mm
Temple Length	110-128 mm
Temple Angle Adjustment	12˚

Fit-over frame

Temple Options A02.STRAP

Alternative solution for Duoflex temples to fit different head shapes

- Elastic head strap – fully adjustable
- Malleable temples – bend to fit

Available for: F01, F02, R10

Head Support System A01.HSUPS.1000

Spreads the weight of heavier filters over the head and removes the pressure from nose, ear and head.

Two rotary adjustment knobs allow an easy fitting.

Available for: F01, F02, R10

Frame styles

F07

- Wide, lightweight, fit-over style
- Stylish bronze color
- Flexible earpiece allows for a quick and easy manual adjustment

F07 Frame Specifications

Lens Width	64 mm
Lens Height	46 mm
Space Between Lenses	16 mm
Frame Height	44 mm
Frame Length	157 mm
Frame Width	148 mm
Temple Length	118 mm

Fit-over frame

F09

- Large, lightweight, fit-over style
- Flexible earpiece allows for a quick and easy manual adjustment

F09 Frame Specifications

Lens Width	62 mm
Lens Height	50 mm
Space Between Lenses	17 mm
Frame Height	54 mm
Frame Length	157 mm
Frame Width	147 mm
Temple Length	125 mm

Fit-over frame

R10 with Head Support

F09

F14

Frame styles

F12

- Large lenses for increased visibility
- Strategically placed venting reduces fogging
- Padded rim provides extra comfort
- Adjustable elastic strap

F12 Frame Specifications

Lens Width	65 mm
Lens Height	52 mm
Distance Space Lenses	18 mm
Frame Height	72 mm
Frame Length	Adjustable
Frame Width	187 mm
Temple Length	Adjustable

Fit-over frame

F14 /R14

- Padded goggle rim provides extra comfort
- Foam and rubber seal included
- Optional anti-fog insert accessory
- Optional metal-reinforced version - R14
- Adjustable elastic strap

Fit-over frame

F14 / R14 Frame Specifications

Lens Width	63 mm
Lens Height	46 mm
Space Between Lenses	11 mm
Frame Height	85 mm
Frame Length	Adjustable
Frame Width	170 mm
Temple Length	Adjustable

Foam Seal A14.FORUB.1000

Foam lining provides a more comfortable fit, especially for users with prescription eyewear. *Sold in a pack of 5*

Anti-Fog Inserts

A14.FAFS

To prevent fogging, these special plastic sheets are coated with nano-particles that absorb humidity.

Rubber Seal A14.LIPSE.1000

The reusable rubber seal is convenient for visitor use. Snaps easily into the F14 / R14 frame.
Sold in a pack of 5

Replacement Strap

A14.STRAP

Frame styles

F16

- Sporty style, lightweight frame
- Height and angle adjustable temples
- Adjustable nylon strap option instead of temples
- Soft temple earpieces for comfort

F16 Frame Specifications

Lens Width	70 mm
Lens Height	41 mm
Space Between Lenses	14 mm
Frame Height	45 mm
Frame Length	117-135 mm
Frame Width	141 mm
Temple Length	109-125 mm
Temple Angle Adjustment	12 °

F18

- Innovative design with optimal field of view
- Fits over prescription eyewear
- Comfortable grip tips for a safe, stable pressure-free fit
- F18 Flex temple - bendable hold with side arm grips to fit a variety of face shapes

Fit-over frame

F18 / F22 Frame Specifications

Lens Width	155 mm
Lens Height	35 mm
Space Between Lenses	NA
Frame Height	35 mm
Frame Length	155 mm
Frame Width	154 mm
Temple Length	110 mm

Side Protection
Optimal field of view with room for prescription eyewear.

F22

Fold-in temple
Convenient hinge compared to the flex temple (F18).
More control when opening and closing.

Frame styles

F19
Black

- Lightweight frame
- Durable with soft nose cushion for comfort
- Available in three colors

F19 / F20 / F21 Specifications

Lens Width	55 mm
Lens Height	35 mm
Space Between Lenses	16 mm
Frame Height	40 mm
Frame Length	150 mm
Frame Width	140 mm
Temple Length	120 mm

F20
White

F21
Steel
Blue

◀ F22

"I want to ensure my eyes and my patient's are safe when I perform laser treatments."

Frame styles

F24

- Maximum comfort and performance
- Durable, strong and lightweight
- Soft, sculpted padding
- Hypoallergenic, soft, rubber nose and temple ends
- Includes removable and adjustable elastic strap

F24 Frame Specifications

Lens Width	66 mm
Lens Height	38 mm
Space Between Lenses	16 mm
Frame Height	43 mm
Frame Length	165 mm
Frame Width	140 mm
Temple Length	115 mm

F25

- White, clean, dynamic look
- Lightweight, strong material
- Hypoallergenic, soft nose pads and temple ends for comfort and stabilizing grip

F25 Frame Specifications

Lens Width	63 mm
Lens Height	37 mm
Space Between Lenses	15 mm
Frame Height	43 mm
Frame Length	166 mm
Frame Width	160 mm
Temple Length	125 mm

Rubber
Adjustable nose pad design provides pressure-free non-slip fit.

F29

- Sporty, lightweight, wrap-around frame
- Adjustable sidearms
- Large lens for greater field of view
- Softflex nose material
- Temple inclination to five positions
- Completely metal-free

F29 Frame Specifications

Lens Width	68 mm
Lens Height	45 mm
Space Between Lenses	9 mm
Frame Height	47 mm
Frame Length	152 mm
Frame Width	150 mm
Temple Length	114 mm
Temple Angle Adjustment	12°

Softflex
Nose Material is non-slip and adjusts to your face.

Frame styles

F30
Smoky White

- Large lens for greater field of view
- Lightweight, comfortable fit
- Flexible / adjustable rubber temples
- Fits over most prescription eyewear

Fit-over frame

F30 / F31 / F32 Specifications

Lens Width	62 mm
Lens Height	42 mm
Space Between Lenses	16 mm
Frame Height	50 mm
Frame Length	160-170 mm
Frame Width	156 mm
Temple Length	112-116 mm

Soft Temples
Flexable and adjustable

F31
Grey

F32
White

F24

"In our clinic, laser safety comes first"

laservision®

Filter technology

- Maximum laser protection
- High Optical Density (OD)
- Wide selection
- Customized modifications available
- ANSI and CE certified
- Three laser filter technologies
  - Polycarbonate
  - Glass
  - Thin-film-coated glass

laservision is the industry leader in filter technology, produced in our facility in Saint Paul, Minnesota.

If you need assistance selecting the appropriate laser protection, please contact us. Our Certified Laser Safety Officers are available to assist customers worldwide.

Polycarbonate filters

- Low-cost option
- Lightweight safety solution
- Extremely durable

Polycarbonate absorbing filters are manufactured with clear base polycarbonate materials mixed with organic dyes formulated to deliver the required laser protection. After the lens blanks are molded, a special UV-cured coating is applied to both front and back surfaces to add a scratch resistant layer.

800-393-5565

info@lasersafety.com

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Glass filters

- High Optical Density (OD)
- Durable and long usage
- Superior scratch resistance
- Clearer visibility

Absorbing glass starts in large uncut and unpolished sheets. (i.e., transmittance, refractive index, reflection factors, etc.). It's then polished to exact thickness and cut to required shape. Based on their technical specifications edges are beveled to ensure a proper fit with various eyewear styles.

Thin-film-coated glass filters

- Multi-wave protection
- Narrow band protection
- Excellent visible light transmission (VLT)

Reflective or thin-film-coating is applied by the same process used to produce high-reflective or anti-reflective laser optics. By applying physical vapor, deposition technology is applied directly to absorptive glass filters. To provide additional laser protection with optimal VLT.

laservision®

Laser Safety Filters

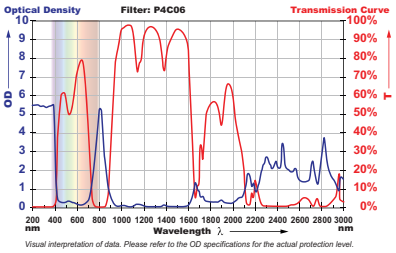
Polycarbonate - Page 23 Glass - Page 36

laservision offers a wide range of laser safety eyewear filters, that provide varying degrees of protection and visible light transmission (VLT) levels. We provide protection from all laser applications.

P4C06

Color: Pink
Material: Polycarbonate
VLT: 65%

Optical Density (OD)
OD 5 @ 800 - 820 nm
DIR LB5 @ 800 - 820
LV CE



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Diode

Applications
Dermatology

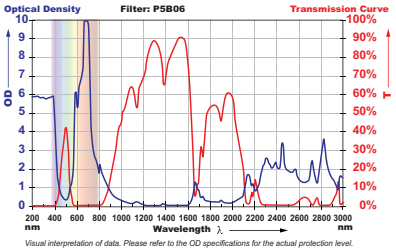
Available Frames

F22

P5B06

Color: Blue
Material: Polycarbonate
VLT: 15%

Optical Density (OD)
OD 6+ @ 585 nm
OD 6+ @ 650 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Diode, Dye

Applications
Dermatology, Skin Rejuvenation

Available Frames

F01

F02

R10

F07

F09

F12

F14

F16

F19

F20

F21

F24

F25

F30

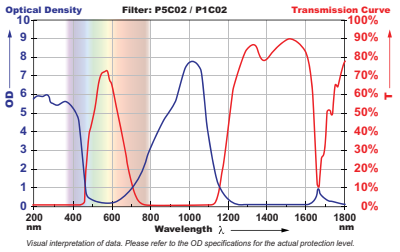
F31

F32

P5C02

Color: Green
Material: Polycarbonate
VLT: 60%

Optical Density (OD)
OD 4+ @ 810 - 900 nm
OD 6+ @ 900 - 980 nm
OD 7+ @ 980 - 1064 nm
OD 6+ @ 1064 - 1080 nm



Lasers
Diode, Nd:YAG

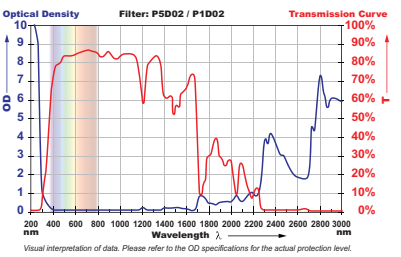
Applications
Dermatology, Skin Rejuvenation, Tattoo Removal

Available Frames

P5D02

Color: Clear
Material: Polycarbonate
VLT: 91%

Optical Density (OD)
OD 3+ @ 2750 - 3000 nm
OD 2+ @ 9000 - 11200 nm



Lasers
CO_2, Er:YAG

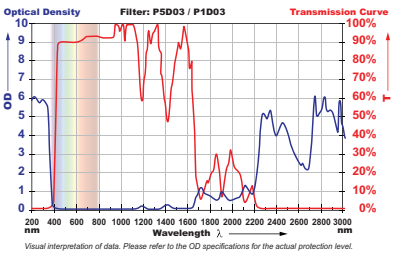
Applications
Dermatology, Skin Rejuvenation

Available Frames

P5D03

Color: Clear
Material: Polycarbonate
VLT: 91%

Optical Density (OD)
OD 4+ @ 2780 - 2940 nm



Lasers
Er:YAG

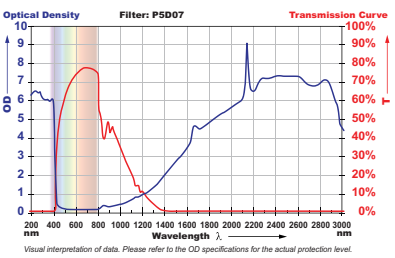
Applications
Dermatology, Skin Rejuvenation

Available Frames

P5D07

Color: Clear
Material: Polycarbonate
VLT: 80%

Optical Density (OD)
OD 4+ @ 2050 - 3000 nm
OD 5+ @ 10600 nm



Lasers
CO_2, Er:YAG

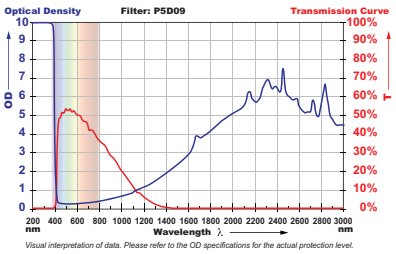
Applications
Dermatology, Skin Rejuvenation

Available Frames

P5D09

Color: Light Grey
Material: Polycarbonate
VLT: 55%

Optical Density (OD)
OD 4+ @ 1800 - 3000 nm
OD 5+ @ 1980 - 2550 nm
OD 6+ @ 10600 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
CO_2, Er:YAG

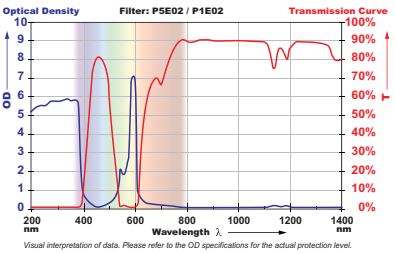
Applications
Dermatology, Skin Rejuvenation

Available Frames

P5E02

Color: Blue
Material: Polycarbonate
VLT: 14%

Optical Density (OD)
OD 6+ @ 585 - 600 nm
OD 5+ @ >600 - 605 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Dye

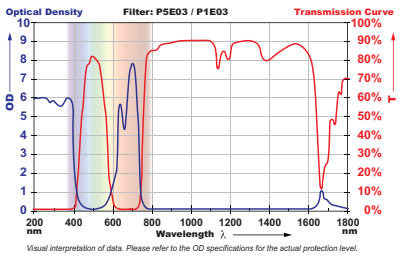
Applications
Dermatology, Skin Rejuvenation, Tattoo Removal

Available Frames

P5E03

Color: Blue-Green
Material: Polycarbonate
VLT: 45%

Optical Density (OD)
OD 3+ @ 630 - 690 nm
OD 7+ @ 690 - 710 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Diode, He Ne, Ruby

Applications
Skin Rejuvenation

Available Frames

F01 F02 R10

F07 F09

F12 F14 F16

F19 F20 F21

F18 F22

F24 F25

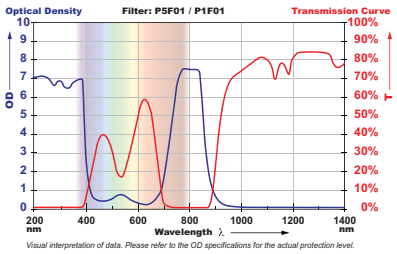
F30 F31 F32

"As a Medical Laser Safety Officer it is my job to make sure that my staff is protected"

P5F01

Color: Pink
Material: Polycarbonate
VLT: 35%

Optical Density (OD)
OD 5+ @ 190 - 375 nm
OD 4+ @ 730 - 855 nm
OD 7+ @ 755 - 840 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Alexandrite, Diode, Dye, Excimer, Nd:YAG

Applications
Dermatology

Available Frames

F01 F02 R10

F07 F09

F12 F14 F16

F19 F20 F21

F18 F22 F24

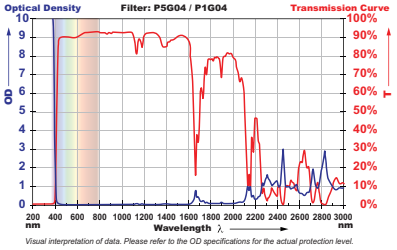
F25 F29

F30 F31 F32

P5G04

Color: Clear
Material: Polycarbonate
VLT: 90%

Optical Density (OD)
OD 10+ @ 180 - 384 nm
OD 8+ @ 384 - 388 nm
OD 4+ @ 388 - 396 nm
OD 3+ @ 396 - 400 nm
OD 5+ @ 5250 - 14000 nm
OD 8+ @ 10600



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
CO_2, Excimer, Nd:YAG

Applications
Dermatology

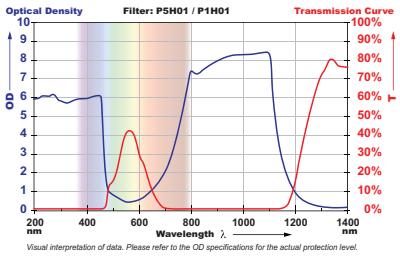
Available Frames

F18 F22

P5H01

Color: Green
Material: Polycarbonate
VLT: 35%

Optical Density (OD)
OD 4+ @ 770 - 800 nm
OD 6+ @ 800 - 980 nm
OD 7+ @ 980 - 1065 nm
OD 5+ @ 1065 - 1100 nm



Lasers
Diode, Nd:YAG

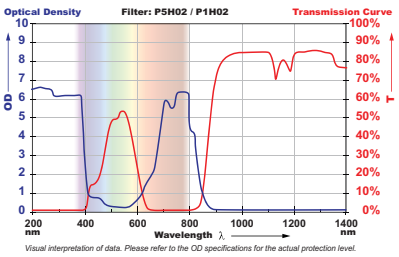
Applications
Dermatology, Skin Rejuvenation, Tattoo Removal

Available Frames

P5H02

Color: Green
Material: Polycarbonate
VLT: 42%

Optical Density (OD)
OD 5+ @ 700 - 820 nm



Lasers
Alexandrite, Diode

Applications
Dermatology

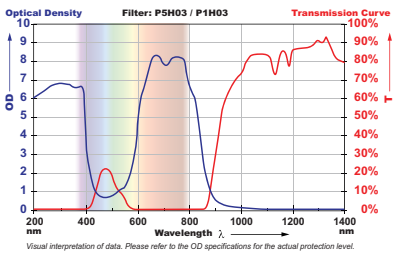
Available Frames

P5H03

Color: Blue
Material: Polycarbonate
VLT: 10%

Optical Density (OD)

OD 1+ @ 570 - <578 nm
OD 2+ @ 578 - <595 nm
OD 3+ @ 595 - <610 nm
OD 5+ @ 610 - <630 nm
OD 6+ @ 630 - <660 nm
OD 7+ @ 660 - 775 nm
OD 6+ @ >775 - 790 nm
OD 5+ @ >790 - 800 nm
OD 4+ @ >800 - 820 nm
OD 3+ @ >820 - 835 nm
OD 2+ @ >835 - 850 nm
OD 1+ @ >850 - 870 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

Alexandrite, Diode, He Ne, Ruby

Applications

Dermatology, Hair Removal, Tattoo Removal

Available Frames

F18

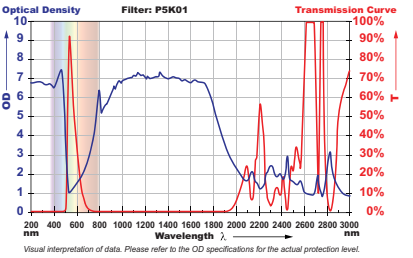
F22

P5K01

Color: Green
Material: Polycarbonate
VLT: 10%

Optical Density (OD)

OD 3+ @ 800 - 830 nm
OD 4+ @ >830 - 900 nm
OD 5+ @ 900 - <1060 nm
OD 7+ @ 1060 - 1090 nm
OD 6+ @ >1090 - 1400 nm
OD 3+ @ >1400 - 1650 nm
OD 6+ @ 10600 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

CO_2, Diode, Nd:YAG

Applications

Dermatology, Skin Rejuvenation

Available Frames

F02

F07

F09

F16

F19

F20

F21

F24

F25

F30

F31

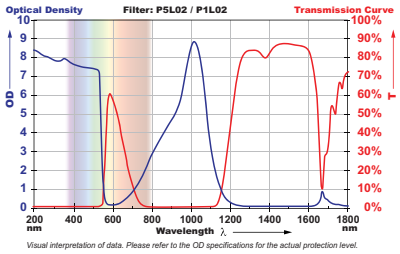
F32

P5L02

Color: Brown
Material: Polycarbonate
VLT: 30%

Optical Density (OD)

OD 6+ @ 190 - 536 nm
OD 3+ @ 780 - 810 nm
OD 4+ @ 810 - 900 nm
OD 6+ @ 900 - 980 nm
OD 7+ @ 980 - 1065 nm
OD 6+ @ 1065 - 1080 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

Diode, Excimer, KTP, Nd:YAG

Applications

Dermatology

Available Frames

F01 F02 R10

F07 F09

F12 F14 F16

F19 F20 F21

F18 F22 F24

F25 F29

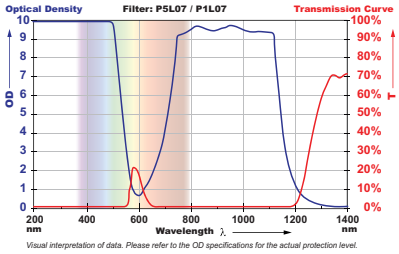
F30 F31 F32

P5L07

Color: Brown
Material: Polycarbonate
VLT: 10%

Optical Density (OD)

OD 10+ @ 180 - 315 nm
OD 8+ @ >315 - 534 nm
OD 6+ @ >534 - 540 nm
OD 3+ @ >540 - 545 nm
OD 1+ @ 630 - <660 nm
OD 2+ @ 660 - <680 nm
OD 3+ @ 680 - <700 nm
OD 4+ @ 700 - <715 nm
OD 5+ @ 715 - <725 nm
OD 6+ @ 725 - <735 nm
OD 7+ @ 735 - <745 nm
OD 8+ @ 745 - <755 nm
OD 9+ @ 755 - 1120 nm
OD 7+ @ >1120 - 1130 nm
OD 6+ @ >1130 - 1135 nm
OD 5+ @ >1135 - 1145 nm
OD 4+ @ >1145 - 1155 nm
OD 3+ @ >1155 - 1165 nm
OD 2+ @ >1165 - 1180 nm
OD 1+ @ >1180 - 1210 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

Alexandrite, Diode, Excimer, He Ne, KTP, Nd:YAG, Ruby

Applications

Dermatology, Hair Removal, Skin Rejuvenation

Available Frames

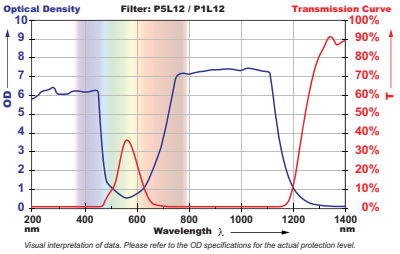
F18 F22

P5L12

Color: Green
Material: Polycarbonate
VLT: 30%

Optical Density (OD)

OD 9+ @ 180 - 315 nm
OD 6+ @ 315 - 445 nm
OD 4+ @ 705 - 755 nm
OD 8+ @ 755 - 1100 nm



Lasers

Alexandrite, Diode, Excimer, Nd:YAG

Applications

Dermatology, Hair Removal, Skin Rejuvenation, Tattoo Removal

Available Frames

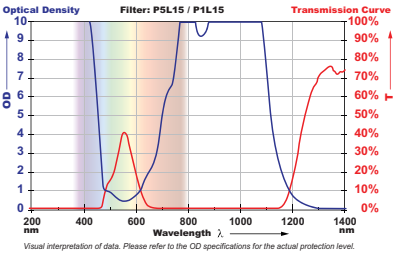
F18 F22 F29

P5L15

Color: Green
Material: Polycarbonate
VLT: 25%

Optical Density (OD)

OD 9+ @ 180 - 315 nm
OD 5+ @ 315 - 450 nm
OD 1+ @ 620 - 650 nm
OD 2+ @ 650 - 680 nm
OD 3+ @ 680 - 690 nm
OD 4+ @ 690 - 700 nm
OD 5+ @ 700 - 720 nm
OD 6+ @ 720 - 755 nm
OD 7+ @ 755 - 1090 nm
OD 6+ @ 10600 nm



Lasers

Alexandrite, CO_2, Diode, Excimer, KTP, Nd:YAG, Ruby

Applications

Dermatology, Skin Rejuvenation

Available Frames

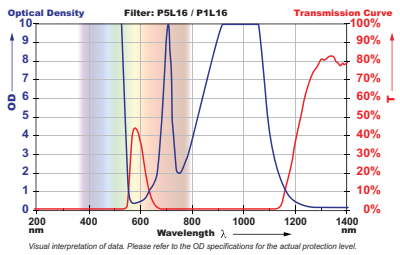
F18 F22

P5L16

Color: Brown
Material: Polycarbonate
VLT: 15%

Optical Density (OD)

OD 10+ @ 180 - 315 nm
OD 8+ @ 315 - 532 nm
OD 6+ @ 690 - 694 nm
OD 7+ @ 694 - 715 nm
OD 4+ @ 808 - 890 nm
OD 8+ @ 890 - 1064 nm
OD 7+ @ 1064 - 1075 nm
OD 6+ @ 1075 - 1080 nm
OD 6+ @ 10600 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

CO_2, Diode, Excimer, KTP, Nd:YAG, Ruby

Applications

Skin Rejuvenation

Available Frames

F18

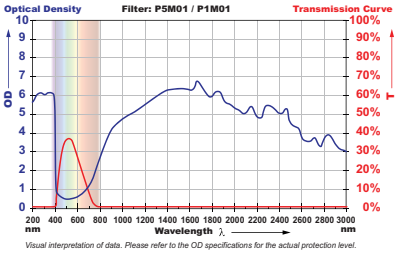
F22

P5M01

Color: Blue
Material: Polycarbonate
VLT: 35%

Optical Density (OD)

OD 10+ @ 180 - 315 nm
OD 8+ @ >315 - 385 nm
OD 4+ @ >385 - 400 nm
OD 2+ @ 780 - <840 nm
OD 3+ @ 840 - <920 nm
OD 4+ @ 920 - 1400 nm
OD 4+ @ >1400 - 2550 nm
OD 3+ @ >2550 - 3600 nm
OD 2+ @ >3600 - 5200 nm
OD 4+ @ >5200 - 11500 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers

CO_2, Diode, Er:YAG, Excimer, Nd:YAG

Applications

Dermatology

Available Frames

F18

F22

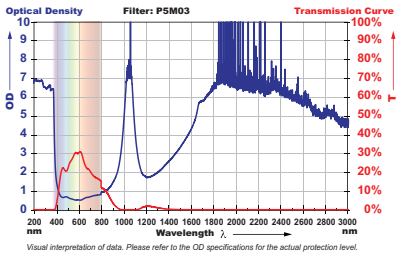
F29

P5M03

Color: Grey
Material: Polycarbonate
VLT: 25%

Optical Density (OD)

OD 8+ @ 180 - 375 nm
OD 6+ @ 1020 - <1030 nm
OD 7+ @ 1030 - <1040 nm
OD 8+ @ 1040 - 1064 nm
OD 7+ @ >1064 - 1073 nm
OD 6+ @ >1073 - 1083 nm
OD 5+ @ >1083 - 1090 nm
OD 2+ @ 1400 - <1600 nm
OD 3+ @ 1600 - <1750 nm
OD 4+ @ 1750 - 3000 nm
OD 5+ @ 1980 - 2550 nm
OD 6+ @ 5400 - 11500 nm



Lasers

CO_2, Er:YAG, Excimer, Nd:YAG

Applications

Dermatology, Skin Rejuvenation

Available Frames

F18

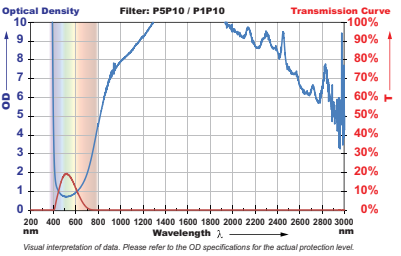
F22

P5P10

Color: Blue
Material: Polycarbonate
VLT: 16%

Optical Density (OD)

OD 8+ @ 180 - 385 nm
OD 4+ @ 800 - 840 nm
OD 5+ @ 840 - 880 nm
OD 6+ @ 880 - 960 nm
OD 7+ @ 960 - 1030 nm
OD 8+ @ 1030 - 2200 nm
OD 4+ @ 1400 - 3600 nm
OD 6+ @ 10600 nm



Lasers

CO_2, Diode, Er:YAG, Excimer, Nd:YAG

Applications

Dermatology, Skin Rejuvenation

Available Frames

F02

F07

F09

F19

F20

F21

F18

F22

F24

F25

F29

F30

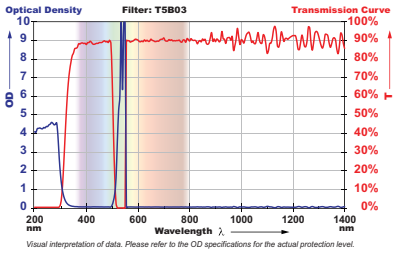
F31

F32

T5B03 Thin-Film-Coated

Color: Purple
Material: Glass (TFC)
VLT: 20%

Optical Density (OD)
OD 6+ @ 530 - 535 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
KTP

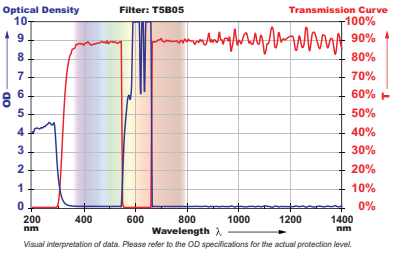
Applications
Dermatology

Available Frames

T5B05 Thin-Film-Coated

Color: Blue
Material: Glass (TFC)
VLT: 27%

Optical Density (OD)
OD 3+ @ 560 - 570 nm
OD 5+ @ 570 - 650 nm



Visual interpretation of data. Please refer to the OD specifications for the actual protection level.

Lasers
Diode, Dye, He Ne

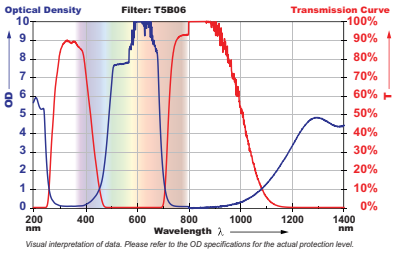
Applications
Dermatology, Skin Rejuvenation

Available Frames

T5B06

Color: Purple
Material: Glass
VLT: 1%

Optical Density (OD)
OD 6+ @ 510 - 680 nm



Lasers
Argon, Diode, Dye, He Ne, KTP

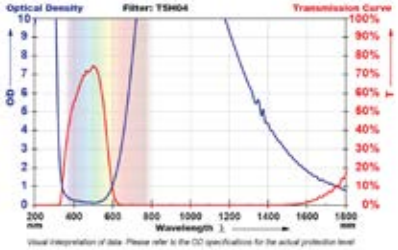
Applications
Dermatology, Skin Rejuvenation

Available Frames

T5H04

Color: Blue
Material: Glass
VLT: 47%

Optical Density (OD)
OD 2+ @ 630 - 650 nm
OD 3+ @ 650 - 690 nm
OD 6+ @ 690 - 1300 nm
OD 8+ @ 1064 nm



Lasers
Alexandrite, Diode, Nd:YAG, Ruby

Applications
Dermatology, Tattoo Removal

Available Frames

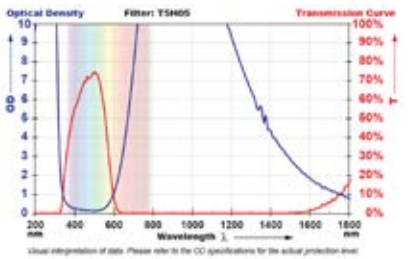
laservision®

T5H05

Color: Green-Blue
Material: Glass
VLT: 47%

Optical Density (OD)

OD 2+ @ 630 - 650 nm
OD 3+ @ 650 - 690 nm
OD 6+ @ 690 - 1300 nm
OD 8+ @ 1000 - 1100 nm



Lasers
Alexandrite, Diode, Nd:YAG, Ruby

Applications
Dermatology, Tattoo Removal

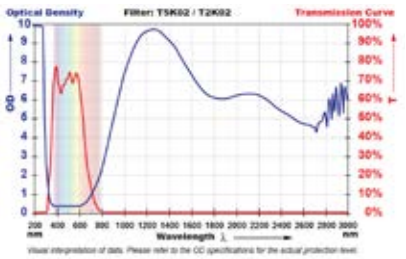
Available Frames

T5K02

Color: Clear
Material: Glass
VLT: 70%

Optical Density (OD)

OD 3+ @ 850 - 900 nm
OD 4+ @ 900 - 950 nm
OD 5+ @ 950 - 1000 nm
OD 7+ @ 1000 - 1600 nm
OD 5+ @ 1600 - 2400 nm
OD 5+ @ 2900 - 10600 nm



Lasers
CO_2, Diode, Er:YAG, Nd:YAG

Applications
Dermatology, Skin Rejuvenation

Available Frames

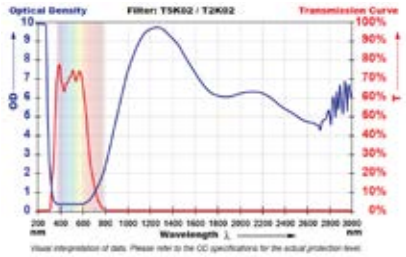
℞ Prescription lens options available

T2K02

Color: Clear
Material: Glass
VLT: 70%

Optical Density (OD)

850 - 900 DIRM LB3 (OD 3+)
>900 - 950 DIRM LB4 (OD 4+)
>950 - <980 DIRM LB 5 (OD 5+)
980 - <1030 D LB6 + IR LB7 + M LB7Y (OD 7+)
1030 - 1400 D LB6 + IR LB8 + M LB8Y (OD 8+)
>1400 - 11500 DIR LB4 (OD 4+)
LV CE



Lasers
CO_2, Diode, Er:YAG, Nd:YAG

Applications
Dermatology, Skin Rejuvenation

Available Frames

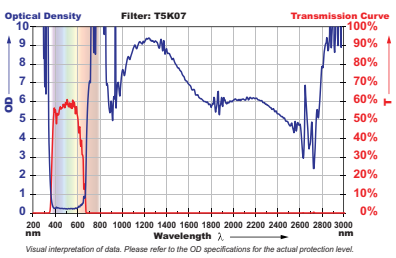
R01 R02 R10 R14

T5K07 Thin-Film-Coated

Color: Blue-Green
Material: Glass (TFC)
VLT: 60%

Optical Density (OD)

OD 7+ @ 740 - 770 nm
OD 3+ @ 850 - 900 nm
OD 4+ @ 900 - 950 nm
OD 5+ @ 950 - 1000 nm
OD 7+ @ 1000 - 1600 nm
OD 5+ @ 1600- 2400 nm
OD 5+ @ 2900- 10600 nm



Lasers
Alexandrite, Diode, Er:YAG, Nd:YAG

Applications
Dermatology, Skin Rejuvenation

Available Frames

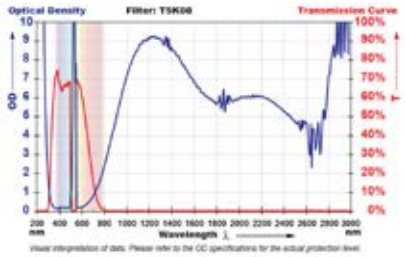
F01 F02 F07 F09 F14 F19 F20 F21 F24 F30 F31 F32

T5K08 Thin-Film-Coated

Color: Purple
Material: Glass (TFC)
VLT: 12%

Optical Density (OD)

OD 6+ @ 532 nm
OD 3+ @ 850 - 900 nm
OD 4+ @ 900 - 950 nm
OD 5+ @ 950 - 1000 nm
OD 7+ @ 1000 - 1600 nm
OD 5+ @ 1600 - 2400 nm
OD 5+ @ 2900 - 10600 nm



Lasers

CO_2, Diode, Er:YAG, KTP, Nd:YAG

Applications

Dermatology, Skin Rejuvenation

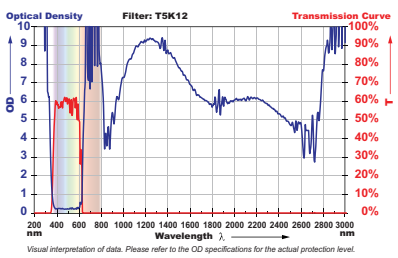
Available Frames

T5K12 Thin-Film-Coated

Color: Blue-Green
Material: Glass (TFC)
VLT: 49%

Optical Density (OD)

OD 6+ @ 694 nm
OD 3+ @ 850 - 900 nm
OD 4+ @ 900 - 950 nm
OD 5+ @ 950 - 1000 nm
OD 7+ @ 1000 - 1600 nm
OD 5+ @ 1600 - 2400 nm
OD 5+ @ 2900 - 10600 nm



Lasers

CO_2, Diode, Er:YAG, Nd:YAG, Ruby

Applications

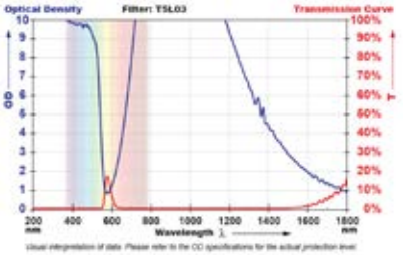
Dermatology, Skin Rejuvenation

Available Frames

T5L03

Color: Brown
Material: Glass
VLT: 4%

Optical Density (OD)
OD 7+ @ 190 - 535 nm
OD 2+ @ 633 - 650 nm
OD 3+ @ 650 - 690 nm
OD 6+ @ 690 - 1300 nm
OD 8+ @ 1064 nm



Lasers
Alexandrite, Argon, Diode, Excimer, KTP, Nd:YAG

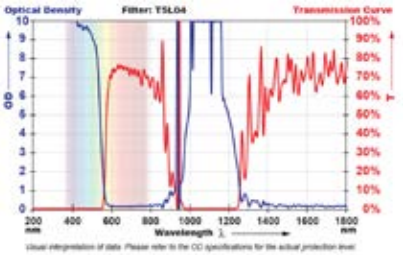
Applications
Dermatology

Available Frames

T5L04 Thin-Film-Coated

Color: Orange
Material: Glass (TFC)
VLT: 29%

Optical Density (OD)
OD 7+ @ 190 - 535 nm
OD 6+ @ 1030 - 1064 nm



Lasers
Disk, Excimer, KTP, Nd:YAG

Applications
Dermatology

Available Frames

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