

laservision®



Laser Safety **PROTECTION**

Barriers / Windows / Enclosures

v4



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 PROTECTION - CATALOG

3	laservision brand vision and products	
6	Custom barriers	
8	Curtains	
10	Panels	
14	Enclosures	
16	Custom modular barrier systems	NEW
18	Control systems	
20	Windows	 800-393-5565
28	Domes	 info@lasersafety.com
29	Face shields	
30	Signs and labels	 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.

laservision®

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.

We tailor **laser safety** barriers to your needs!

- Curtain and panel systems
- Fast lead times
- Design support by our CLSOs
- ISO-Certified manufacturing
- Quality materials and workmanship

We build our laser safety barriers in-house with guaranteed quality and quick lead times. Our team will work with you to find the best solutions for your project requirements.

Barriers, windows and enclosures

These systems are used to contain hazardous beams and reflections. Tested to withstand laser exposure according to a variety of output parameters such as beam power, beam size, exposure time, and wavelength. Frames and hardware are designed to reduce specular reflection. Additional items include: **domes, interlocks, signs and labels.**

Window
P5P10



Custom barriers

For workplace installations, custom options can take many forms and can be integrated into machinery housing. Laservision offers standard and customer-specific solutions for screening that comply with the applicable standards.

Due to our wide selection of materials, sizes and solutions, we advise our customers to contact us with their laser and space specifications to find the best possible solution.



Image courtesy
of Newport

Please contact our Laser Safety Experts to discuss your requirements. 800-393-5565

Laser Safety Custom barriers

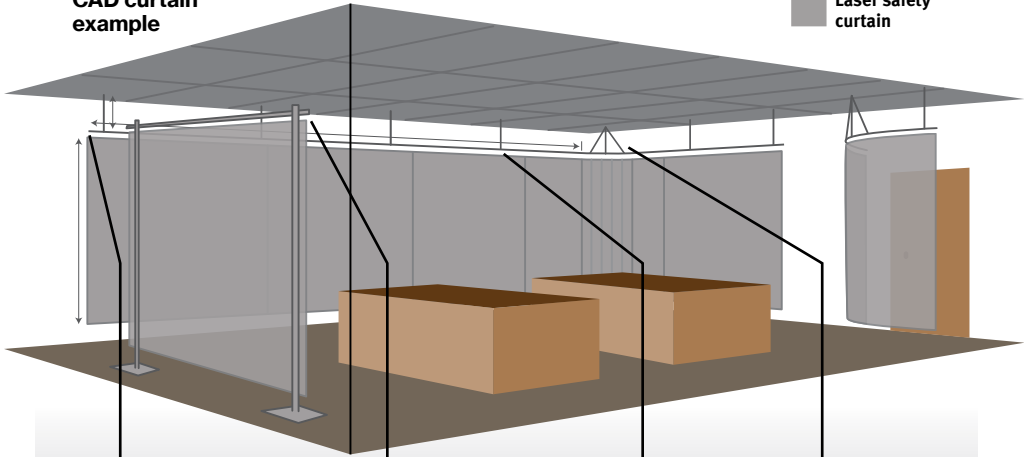
Let us help you create your next barrier project.

laservision has CLSOs on staff to help you design your layout using CAD (Computer Aided Design) software. Manufactured in-house with guaranteed high-quality materials and short lead times. Curtains and panels can be tailor-made in different sizes to fit any room.



CAD curtain example

■ Laser safety curtain



Wall end mount



Track with floor-mounted support



Ceiling suspended mount

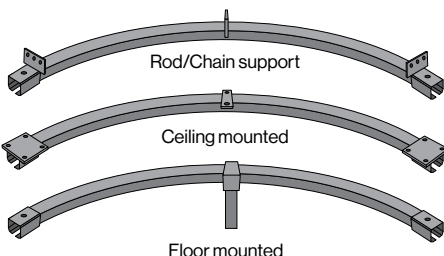


Curved roller track with chain support

Laser safety curtain mounting options - tracks and accessories

Industrial grade, tough, galvanized steel hardware is our standard mounting solution. We build custom mounting options, including ceiling, floor and along the wall, based on your laser safety application.

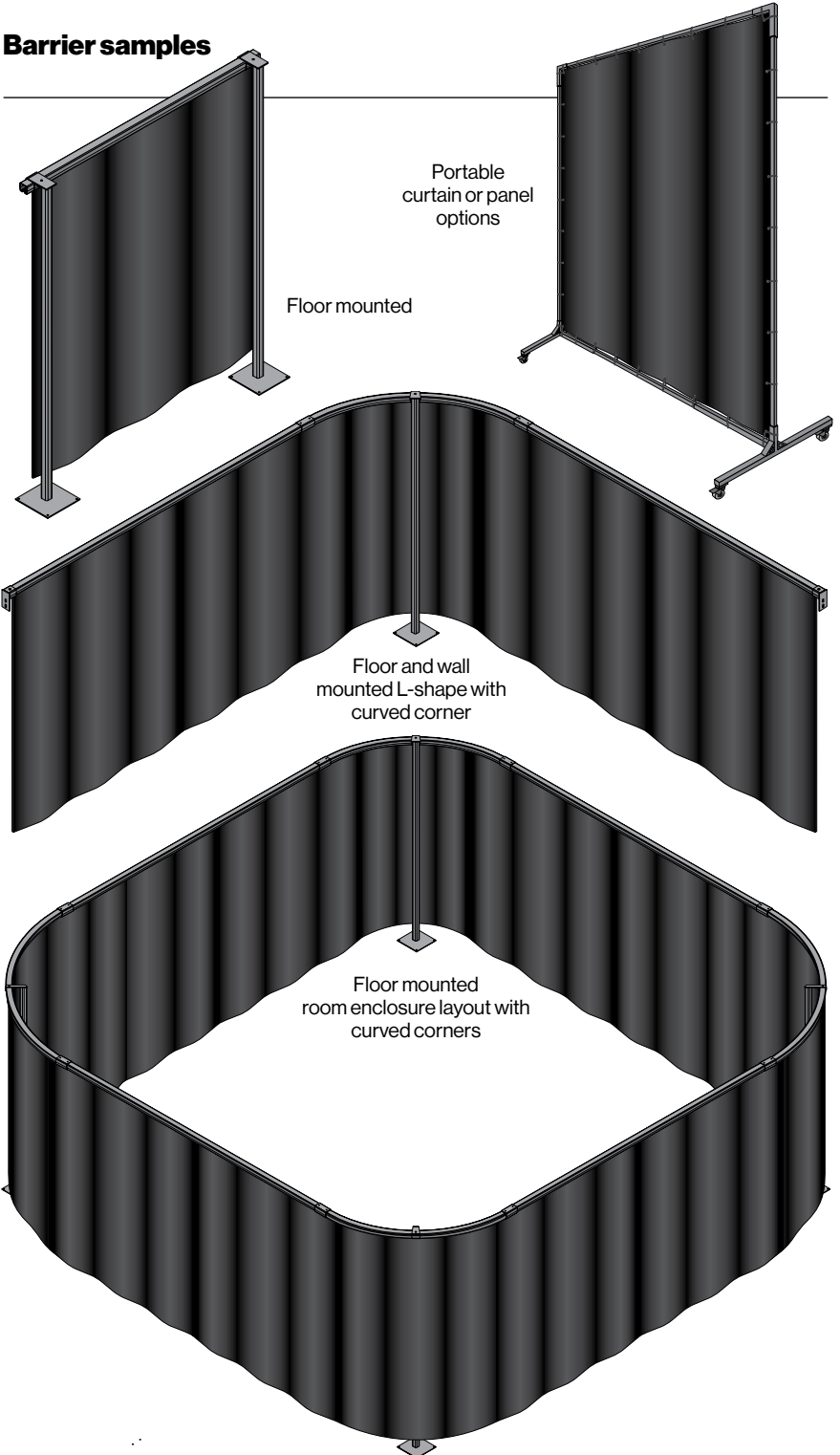
Curved tracks samples



Barrier options

- Steel wheel trolleys
- Curved or straight tracks
- Base plates for floor mounting
- Window covering and valences
- Black powder coated hardware
- Laser safety window inserts
- Fasteners (hook & loop or heavy duty 3M dual lock)
- Grommets
- Magnetic options
- Sign pockets

Barrier samples



**Our Certified Laser Safety Officers are available to help.
Call us at 800-393-5565**

Laser Safety Curtains

At laservision, we manufacture standard and custom laser safety curtains onsite with the fastest lead time in the industry. Custom-made curtains are tailored to your specific requirements. Our mounting options include ceiling, floor and along the wall.



Standard curtains BCO

Great for basic needs and simple designs. You can build a laser curtain system to fit your room by connecting several curtains together with hook & loop fasteners. Size 58" x 96" in-stock and ready to ship. Available in all three curtains types: F5P01, F5P02 and F5P06.



Window covers: Options for grommet, hook & loop, or magnet installation.

Laser safety curtains

Portable curtains BC4

This curtain offers mobility.

- Heavy-duty steel frame
- Easy to move and store
- Standard and custom sizes



Roller shades BRS

Easily rolls up when the laser is not in use.

Curtain specifications

Part #	F5P06 Curtain	F5P01 Curtain	F5P02 Curtain
Images			
Layers	1 Layer	2 Layers	3 Layers
Color	Charcoal Black	Charcoal Black	Charcoal Black
Laser Safety Rating	100 W/cm ² for 100 seconds	200 W/cm ² for 100 seconds	300 W/cm ² for 100 seconds
Description	Fiberglass-based fabric with rubberized silicone coating		
Features	Thermal, flame, abrasion, puncture and tear resistance. Repels water and oil		
Available Products	Standard/Custom Framed Barriers. Optical Table and Enclosures. Window Covers and Roller Shades		

Also available:



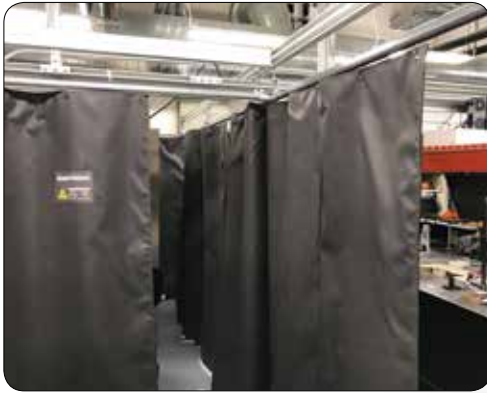
Clean room
White outer layer



ESD
Electrostatic discharge protective outer layer

Curtain and panel examples

According to the standards of laser safety, each laser must be enclosed to ensure no dangerous radiation can escape under predictable conditions. Dangerous refers to the accessible amount of radiation below the Maximum Permissible Exposure (MPE) values for eyes and skin.



Curved ceiling mounted curtain





Floor mounted curtain

Curved ceiling
mounted curtain
for clinic door



Portable foldable panel
system with optional
window installed



laservision®

Laser Safety

Eyewear • Barriers • Windows • Training

laservision USA, LP

595 Phalen Boulevard
Saint Paul, Minnesota 55130

T 800-393-5565

P 651-357-1800

F 651-357-1830

E info@lasersafety.com

W lasersafety.com

ISO Certified

Follow us:



we protect your eyes

©2017-2018 Laservision USA, LP. All Rights Reserved.