

LASER BARRIERS

CATEGORY INFORMATION



VS EYEWEAR

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Laser barriers, also known as laser safety curtains or laser protective barriers, are specialized materials designed to block or absorb laser beams. They are commonly used in industrial or laboratory settings where lasers are present, to protect workers or the public from accidental exposure to laser radiation. Laser barriers can be made of various materials and are available in different sizes and shapes to fit specific areas or equipment. They are also classified based on the level of protection they provide against different laser classes and wavelengths.

Our assortment of laser barriers at Phillips Safety is designed with high-quality materials and construction to ensure maximum protection in hazardous environments. Whether you need a mobile or fixed barrier, we offer a range of sizes and shapes to meet your specific needs. Our barriers are made with double or triple-reinforced seams to provide the utmost protection against laser radiation. Additionally, we offer custom barriers that can be tailored to your unique specifications upon request.





Laser barriers are an important part of laser safety measures, and their proper use and maintenance are crucial to avoid accidents or injuries caused by laser radiation. As such, it is important that they meet or exceed the safety standards set by the American National Standards Institute (ANSI) 136.1, as is the case with the barriers available at Phillips Safety. This certification ensures that all of our laser barriers provide the necessary protection for safe use of lasers.

We offer a variety of laser barrier options at Phillips Safety, including the LaserEdge Laser Safety Barrier and the LaserEdge Plus Laser Safety Barrier, lightweight and transportable laser safety barrier that protects against high and low power lasers; and the LaserEdge Laser Window Block, which protects windows from laser light using high-quality fabric and can be mounted in various ways. At Phillips Safety, all laser barriers meet or exceed the safety standards set by the American National Standards Institute (ANSI) 136.1 for the safe use of lasers. This certification guarantees that each barrier will provide the protection needed for specific laser applications.

PRODUCT INFORMATION

LASEREDGE LASER SAFETY BARRIER



The LaserEdge is a laser safety barrier that protects $120\text{W}/\text{cm}^2$ for 100 seconds, with a wavelength of 1070nm and 1mm diameter spot (1/e). With a lightweight design, this laser safety barrier has the exclusive LaserEdge technology, with a single panel and integrated light-blocking strip.

Featuring a solid design, the LaserEdge is 4ft W x 7ft H. It has pre-assembled laser panel blockings, contributing to a quick and effective setup. Plus, these laser safety barriers are transportable and a great solution against high and low power lasers.

Moreover, this laser safety barrier is extremely practical, as it is assembled in under 5 minutes and can stand alone or be linked together with several others. In addition, the LaserEdge Laser Safety Barrier meets ANSI Z136 safety standards.

SPECIFICATION

SIZE: 4ft W x 7ft H

WEIGHT: 10 lbs

PROTECTION LEVEL:
 $120\text{W}/\text{cm}^2$ for 100 seconds,
with a wavelength of 1070nm and 1mm diameter spot (1/e)

MATERIAL: LASEREDGE

SAFETY STANDARD: ANSI Z136

FEATURES: Lightweight, transportable, quick set up

PRODUCT INFORMATION

LASEREDGE PLUS LASER SAFETY BARRIER



The LaserEdge PLUS is a laser safety barrier that protects $425\text{W}/\text{cm}^2$ for at least 100 seconds, wavelength 1070nm, 1mm diameter spot (1/e). With a lightweight design, this laser safety barrier has the exclusive LaserEdge technology, with a single panel and integrated light-blocking strip.

Featuring a solid design, the LaserEdge PLUS is 4ft W x 7ft H. It has pre-assembled laser panel blockings, contributing to a quick and effective setup. Plus, these laser safety barriers are transportable and a great solution against high and low power lasers.

Moreover, this laser safety barrier is extremely practical, as it is assembled in under 5 minutes and can stand alone or be linked together with several others. In addition, the LaserEdge PLUS Laser Safety Barrier meets ANSI Z136 safety standards.

SPECIFICATION

SIZE: 4ft W x 7ft H

WEIGHT: 10 lbs

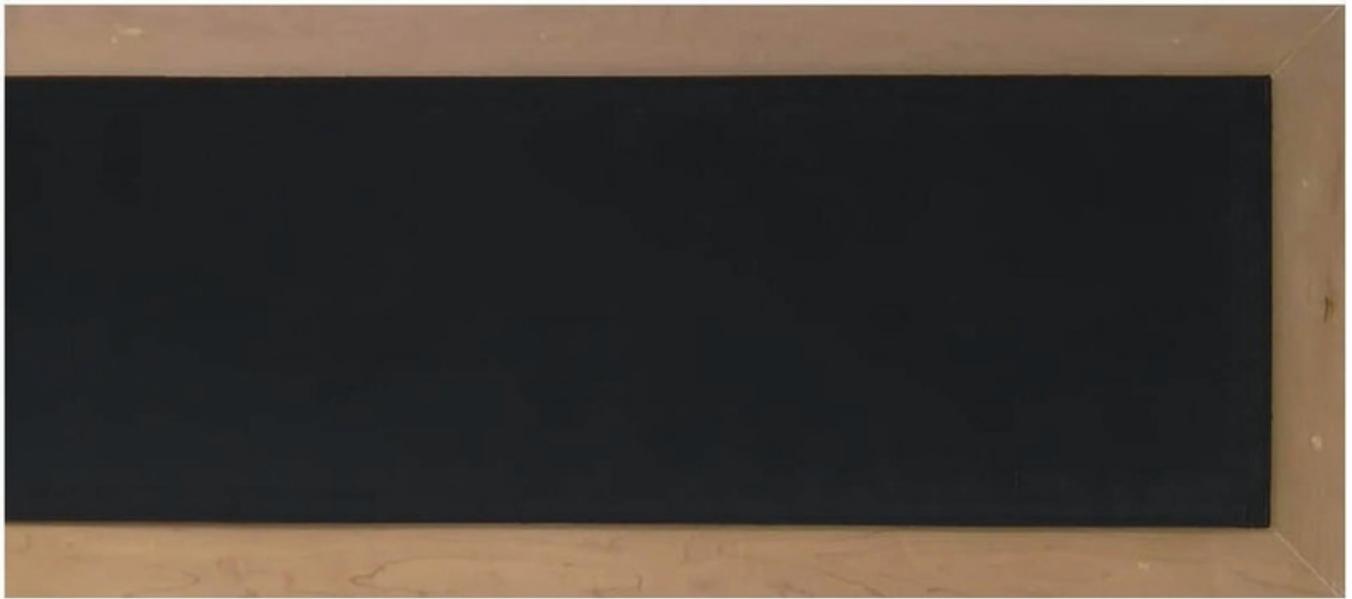
PROTECTION LEVEL: $425\text{W}/\text{cm}^2$ for at least 100 seconds, wavelength 1070nm, 1mm diameter spot (1/e)

MATERIAL: LASEREDGE

SAFETY STANDARD: ANSI Z136

FEATURES: Lightweight, transportable, quick set up

PRODUCT INFORMATION
LASER EDGE LASER WINDOW BLOCK



The Laser Edge Laser Window Block provides an affordable solution for protecting windows from laser light during use. They are made of high-quality Laser Edge fabric, which offers effective shielding against laser light. By using these blocks, you can achieve a laser power rating suitable for your specific environment.

The Laser Edge Laser Window Block is a versatile option as it can be mounted to surfaces with Velcro, magnets, grommets or snaps. Its durable fabric material is resistant to abrasion and damage, making it suitable for frequent use. Additionally, it offers a high degree of flexibility in terms of how and where you can install it, making it a popular choice for a range of laser applications.

Furthermore, the Laser Edge Laser Window Block is laser-rated at $120\text{W}/\text{cm}^2$ for 100 seconds, wavelength 1070nm, 1mm diameter spot (1/e). In addition, it meets ANSI Z136, ASTM E84, CE EN 12254, CSFM Title 19 CCR 1237, and NFPA-701 TM2 safety standards.

SPECIFICATION

SAFETY STANDARD: ANSI Z136, ASTM E84, CE EN 12254, CSFM Title 19 CCR 1237, and NFPA-701 TM2. **MATERIAL:** Laser Edge
PROTECTION LEVEL: $120\text{W}/\text{cm}^2$ for 100 seconds, wavelength 1070nm, 1mm diameter spot (1/e). **FEATURES:** Versatile, Resistant

PRODUCT INFORMATION