

## SERVICE-RIGHT®

Portable Laser Safety Barriers



### SERVICE-RIGHT® LASER SAFETY BARRIERS FOR SERVICE APPLICATIONS

SERVICE-RIGHT® portable laser barrier comprises three 0.91m × 1.83m panels of EN 12254-certified FLEX-GUARD® Plus Power fabric, joined by zippers to create a 2.74 m × 1.83m screening solution and provides ample coverage for the laser service technician. Integrated light-blocking wings enable up to 320° hinging, ensuring panel feet don't collide at right angles. At just 19 kg, or 16 kg for the lightweight version, it's field-ready and fits neatly into an included nylon carry bag.

Rated to block 425 W/cm<sup>2</sup> for 100 seconds at 1070 nm (1mm spot) per ANSI Z136, it pairs portability with performance. It carries extensive certifications: ANSI Z136; CE EN 12254, EN 60825-4; UKCA; NFPA-701 TM2; ASTM E84; AATCC TM76; Cal Fire Title 19. Additionally, it meets REACH, RoHS-10, and Made in USA (Berry) compliance standards.

**SPECIFICATIONS**

**Laser Protection**

Wavelength Range [nm]	190 nm - 10,600 nm
Power Rating (Plus Power fabric)	425 W/cm <sup>2</sup> for 100 s at 1070 nm, 1mm spot (1/e)
Compliance	ANSI Z136, CE EN 12254, EN 60825-4, UKCA

**Barrier Fabric**

Material	Black FLEX-GUARD® Plus Power laser safety curtain fabric, heavy-duty, flame-retardant, abrasion-resistant
Fire Safety	Meets NFPA-701 TM2, ASTM E84, Cal Fire Title 19 CCR 1237
Other Standards	AATCC TM76 (durability), REACH, RoHS-10, Made in USA / Berry Compliant

**Panel Dimensions and Configuration**

Individual Panel Size	0.91m x 1.83m (width x height)
Assembled Barrier Size (3 panels)	2.74m x 1.83m
Panel Connection	Heavy-duty zippers
Hinge Range	Up to 320° with integrated light-blocking wings

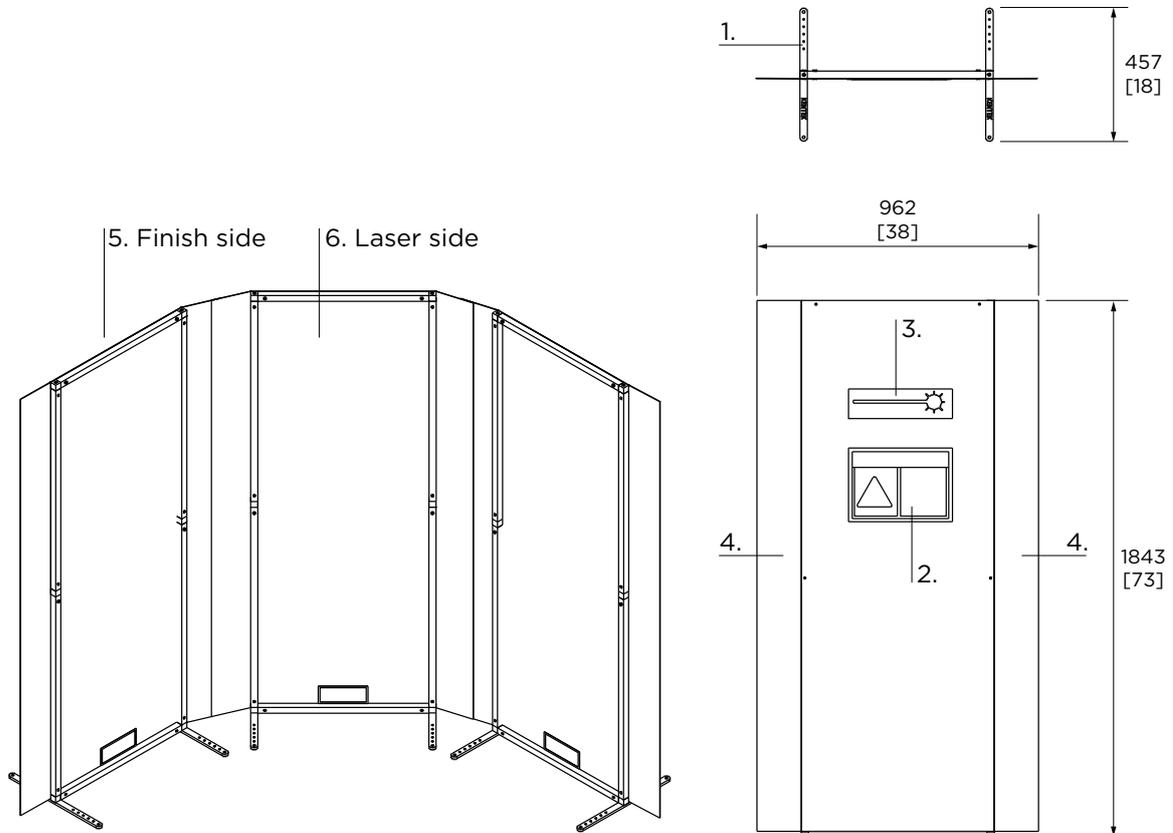
**Portability**

Weight	19 kg (standard), 16 kg (lightweight version)
Transport	Packs into included nylon travel bag for easy carrying

**Included Accessories**

	Nylon carry bag
	Class 4 Laser DANGER warning sign (non-laser side)

TECHNICAL DRAWING



**Finish side is designed to face away from the laser**

1. 1x18 inch OSHA safety yellow foot carries extra hardware on one end and features Kentek logo on other end
2. Clear vinyl pocket on finish side for OSHA/ANSI Z136 compliant warning sign
3. Kentek graphic panel on finish side
4. Zipper connections on panel edges
5. 6 inch integrated light blocking wings for 320 degree hinge connection
6. Serial number tag on laser side

Units: mm [inch]  
Dimensions are in millimeters - [inches] and are for reference only.

## PRODUCT CHANGES AND LIABILITY

LASER COMPONENTS reserves the right to make changes to the product specifications and/or discontinue products without prior notice. While every effort has been made to ensure the accuracy and reliability of the information provided in this datasheet, LASER COMPONENTS accepts no liability for any errors, omissions, or the consequences of product use. It is the responsibility of the customer to ensure that the product is suitable for their specific application and to comply with all applicable laws and regulations.

## ORDERING INFORMATION

Products can be ordered directly from LASER COMPONENTS or its representatives. For a complete listing of representatives, visit our website at [www.lasercomponents.com](http://www.lasercomponents.com)

Custom designed products are available on request.