

WELDING SCREENS & CURTAINS

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Clearway

Screen and Curtain Products for Welding Safety and Protection

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Why use PVC welding screens and curtains?

Welders wear goggles, masks and other protective equipment to keep them safe. For other people nearby, PVC welding screens and curtains provide protection from harmful UV, infrared and blue light radiation. Responsible companies protect their people and strive to keep them safe in all situations. Welding screens and curtains are an essential part of that equation for companies that participate in welding or metal working.

Innovations for a safer workplace

Clearway is committed to providing welding screens and curtains that use the latest advancements in technology to keep people safe in the workplace. We stay up to date on federal and international safety standards to ensure our products are compliant.

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ABOUT US

Experienced

We've been making flexible vinyl screen and curtain products for more than 50 years. Our team of seasoned professionals prides itself on providing solutions. We understand your application and we'd like to help.

Vertically Integrated

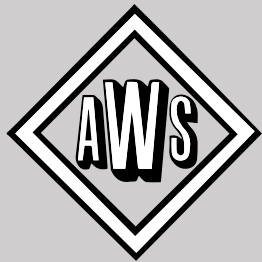
Clearway handles the entire manufacturing process, from compounding to extrusion to fabrication. We control everything from raw material to final product, and stand behind the results.

Committed

Our motivation is our customers. When our customers have a problem it becomes our problem. Once we know it, we fix it. Our team knows that without our customers there is no Clearway and our actions reflect that.

UNDERSTANDING THE SAFETY STANDARDS GOVERNING WELDING SCREENS AND CURTAINS

Both relevant safety standards for welding screens and curtains in North America were established to promote the health and safety of people in the welding environment, by independent organizations:



American Welding Society F2.3M: 2011

Specification for Use and Performance of Transparent Welding Curtains and Screens



International Standards Organization 25980

Health and Safety in Welding – Transparent Welding Curtains, Strips and Screens for Arc Welding Processes

What do these safety standards require?



Eye protection. A welding arc emits considerable amounts of UV, infrared and blue light radiation which can cause significant eye damage. AWS F2.3M: 2011 and ISO 25980 each introduce specific limits to the amount of radiation allowed to pass through the screen or curtain. In order to meet the standard, screens and curtains must meet strict light transmittance test requirements.



Flame resistance. Molten metallic particles (weld spatter) can attain temperatures in excess of 1,500°C creating a real danger of burns or the outbreak of fire. AWS F2.3 2011 and ISO 25980 dictate that screen and curtain materials must not be flammable and must be rapidly self-extinguishing to prevent flame spread.

SCREENFLEX® PVC DESIGNED FOR WELDING SCREENS AND CURTAINS

Screenflex® PVC has been specifically designed to protect people from dangerous radiation and projection from hot metal during welding.

SCREENFLEX® RED



Shade: Medium
Transparency: High
AWS F2.3 Compliant: Y
ISO 25980 Compliant: Y
Format: Screens, Curtains

Screenflex® Red PVC is the most transparent product which meets both AWS F2.3M 2011 and ISO 25980. Optimal for welding applications when some visibility is needed. Available for portable welding screens and strip curtain applications.

SCREENFLEX® BRONZE



Shade: Dark
Transparency: Medium
AWS F2.3 Compliant: Y
ISO 25980 Compliant: Y
Format: Screens, Curtains

Screenflex® Bronze PVC is a medium semi-transparent material which meets AWS F2.3M 2011 and ISO 25980. Designed for situations where some visibility should be possible, but limited. Available for portable welding screens and strip curtain applications.

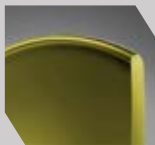
SCREENFLEX® GREEN



Shade: Very Dark
Transparency: Low
AWS F2.3 Compliant: Y
ISO 25980 Compliant: Y
Format: Screens, Curtains

Screenflex® Green PVC is a dark semi-transparent material which meets AWS F2.3M 2011 and ISO 25980. Optimal for welding applications where dark screens are desired to limit transparency. Available for portable welding screens and strip curtain applications, or bulk roll PVC.










SCREENFLEX® YELLOW



Shade: Light
Transparency: Very High
AWS F2.3 Compliant: Y
ISO 25980 Compliant: N
Format: Screens Only

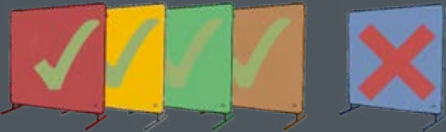
Screenflex® Yellow PVC is a light semi-transparent material which meets AWS F2.3M 2011. Designed for situations in which maximum transparency and visibility is required. Available for portable welding screens.

Is Screenflex® PVC Compliant with Safety Standards?

		
Compliant 	Screenflex® Red	Compliant 
Compliant 	Screenflex® Bronze	Compliant 
Compliant 	Screenflex® Green	Compliant 
Compliant 	Screenflex® Yellow	Compliant

Why doesn't Clearway offer blue welding screens or curtains?

Not all screen colors provide equal protection. Welding arcs emit dangerous levels of blue light that must be filtered to prevent injury. Blue light, which is part of the visible light spectrum, is implicated in the development of macular degeneration, which can result in permanent vision loss. Blue screens appear blue to the human eye because they allow a larger proportion of blue light to reach the eye. Therefore, blue-colored screens cannot significantly filter out blue light, and no blue-transparent welding screen can be compliant with the AWS F2.3M:2011 or ISO 25980.



SCREENFLEX® PORTABLE WELDING SCREENS

Screenflex® Portable Welding Screens provide protection from harmful radiation for personnel nearby the welding operation. All welding screens are designed to meet AWS F2.3M: 2011 and/or ISO 25980 safety standards, as OSHA requirements.



FEATURES AND BENEFITS

- Fast easy 5 minute setup process
- Durable, powder coated steel frame
- Portable, easy to move around
- Versatile, customizable modular system
- Possible to configure welding booths
- Exclusive Pivot-Foot™ design
- Smooth appearance, without creases
- AWS F2.3M: 2011 Compliant PVC
- ISO 25980 Compliant PVC
- Meets OSHA requirements
- Wide range of colors and sizes

4 Color Options Available

SCREENFLEX® RED



SCREENFLEX® BRONZE



SCREENFLEX® GREEN



SCREENFLEX® YELLOW



Fast 5 Minute Setup Process

Screenflex Portable Welding Screens install quickly and easily for immediate deployment:

STEP 1



Attach feet to vertical posts

STEP 2



Unroll PVC screen and inset crossbars

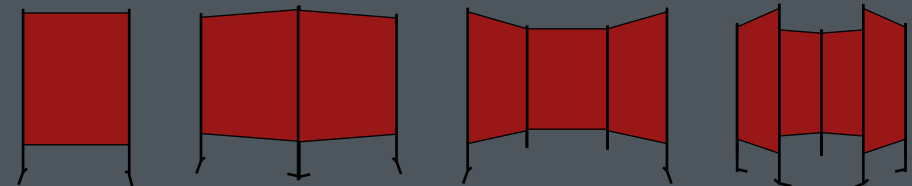
STEP 3



Attach crossbars to vertical posts

Welding Screen/Booth Configurations with Pivot-Foot™

Screenflex Portable Welding Screens feature Clearway's exclusive Pivot-Foot™ design, which allows screens to be combined and aligned perpendicularly or at multiple angles to form welding booths or partitions. It's a unique and innovative design that creates the ultimate flexibility and versatility.



PVC STRIP CURTAIN KITS

Featuring the QuickMount® Strip Curtain Hardware System and the world's #1 brand of PVC strip products



Clearway's PVC Strip Curtain Kits feature flexible PVC strips, overlapped to allow personnel and products to pass through the curtain, while providing area separation and optical protection. All Screenflex® welding strips are designed to meet AWS F2.3M: 2011 and ISO 25980 safety standards. Standard Clear strips are also available for non-welding applications such as loading dock doors, temperature control, pest control or noise control.

PVC Strip Options

SCREENFLEX® RED



SCREENFLEX® BRONZE



SCREENFLEX® GREEN



STANDARD CLEAR



Mounting Hardware Options



Traffic: Pallet Jack, Pedestrian
Max Height: 12'
PVC Strip Types: All
Material: Polymer
Hardware Warranty: Lifetime



Traffic: Forklift, Pallet Jack, Pedestrian
Max Height: 15'
PVC Strip Types: All
Material: Heavy-duty aluminum
Hardware Warranty: Lifetime

FEATURES AND BENEFITS

- Fast, easy QuickMount® installation
- Versatile, configurable option
- Possible to configure welding booths
- AWS F2.3M: 2011 Compliant PVC
- ISO 25980 Compliant PVC
- Wide range of colors and sizes
- Universal mounting hardware
- Lifetime warranty on hardware

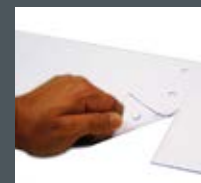
Three convenient ways to buy replacement PVC Strips for your application:

Each PVC Strip Curtain Kit includes mounting hardware, the flexible PVC strips and installation instructions. To replace the strips on an existing opening, Clearway's flexible PVC strips are available also in these three formats:

Full Length PVC Bulk Rolls



The most economical way to buy PVC strips, full length PVC rolls are ready to be fabricated and installed on any mounting system.



Full length PVC rolls, pre-cut and pre-punched to your exact specifications, and ready to mount immediately.

Individual Replacement Strips



Exactly the number of pre-punched strips you need, in a size that fits your application. Fully customized to your requirements.



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Compliant with Welding Safety Standards

