

WELDING SCREENS

HOW DOES IT WORK?

The ArcSafe® welding screen is manufactured from vinyl film, processed with a colour dye, a flame retardant and an ultra violet absorber. The dye consumes and filters the blue light brightness associated with the electric arc welding process. The material surface acts as a reflector, causing the arc to appear larger and less bright, thus reducing glare to the eyes. The light is also scattered in different directions, creating a fluorescent light. This causes the pupil to constrict and shut out excess glare, thus reducing light to the retina.

COLOURS AND LUMINANCE TRANSMITTANCE

ArcSafe® welding screens are available in three colours: Red, Green and Amber. The Luminance Transmittance is the ratio of the luminance of a source of light when viewed through a curtain or screen, to the luminance of that source when viewed directly.



BENEFITS OF ARCSAFE®

ArcSafe® welding screens absorb the dangerous ultra violet light that is emitted from the arc welding process and also offers these added benefits:

- Surrounding your welding situations with safety
- Protecting your co-workers and other people from the painful effects of accidental welding flash
- Safely and quickly defining hazardous welding areas
- Allowing safe observation for safety check of welding operations
- All seams are welded, not sewn, for extra durability and strength

Category	Min. %	Max. %	ArcSafe®
C1	17.8	29.1	
C2	8.5	17.8	
C3	3.2	8.5	Red & Amber
C4	1.2	3.2	
C5	0.44	1.2	Green

Protect this most precious gift from the painful and harmful effects of welding flash with Elliott ArcSafe® welding screens.



CERTIFIED PRODUCT

Provide the best protection for your workplace as well as you business. Elliott Australia's welding screens ensure you are covered as they are the only welding screens certified to Australian Standards. Check your current welding screens and ensure you are protected.

Product Certified: Elliott ArcSafe® Welding Screens are product certified to AS 3957 - 1991 • NZ 5852 - 1991 Light transmitting screens and curtains for welding operations.



WELDING SCREENS - ARCSAFE®

Elliott recognises the need for not only standard sizes but also the need for screens in specific sizes, no matter how large or small.

- Special sizes available on request
- **Frames not included** – please refer pages 67 & 68

CODE-RED	CODE-GREEN	CODE-AMBER	WIDTH	DROP
TSIB813R	TSIB1813G	TSIB1813A	1300mm	1800mm
TSIB1818R	TSIB1818G	TSIB1818A	1800mm	1800mm
TSIB1820R	TSIB1820G	TSIB1820A	2000mm	1800mm
TSIB1826R	TSIB1826G	TSIB1826A	2600mm	1800mm
TSIB1839R	TSIB1839G	TSIB1839A	3900mm	1800mm
TSIB1845R	TSIB1845G	TSIB1845A	4500mm	1800mm
TSIB1852R	TSIB1852G	TSIB1852A	5200mm	1800mm



WELDING SCREENS - DURAWELD®

- Suitable for all high amperage welding arcs
- Excellent robust NeoWeld® base which is impervious to spatter and dross
- Pliable in cold conditions
- Allows natural light into welding areas
- Decreased arc glare
- Absorbs ultra violet light
- Flame retarded
- **Frames not included** – please refer pages 67 & 68

FEATURES AND BENEFITS:

DuraWeld® screens are the answer where normal welding screens are damaged by excessive spatter and dross.

DuraWeld® is a combination of two fabrics:

- Top screen – ArcSafe®
- Lower section – NeoWeld® which has excellent robust qualities and offers the protection from the excess spatter

CODE	COLOUR	WIDTH	DROP
TSIBDWS1813G	Green ArcSafe®	1300mm	1800mm
TSIBDWS1818G	Green ArcSafe®	1800mm	1800mm
TSIBDWS1813R	Red ArcSafe®	1300mm	1800mm
TSIBDWS1818R	Red ArcSafe®	1800mm	1800mm



WELDING SCREENS - PLASTWELD®

PlastiWeld is a Gold supported, reinforced PVC fabric offering excellent robust qualities.

PlastiWeld is:

- Suitable for all high amperage welding arcs
- Pliable in cold conditions
- Allows natural light into welding area
- Opaque finish
- Decreased arc glare
- Absorbs ultra violet light
- Flame retarded
- **Frames not included** – please refer pages 67 & 68

CODE	WIDTH	DROP
TSIBPWS1813	1800mm	1300mm
TSIBPWS1818	1800mm	1800mm
TSIBPWS1820	1800mm	2000mm
TSIBPWS1826	1800mm	2600mm
TSIBPWS1839	1800mm	3900mm
TSIBPWS1845	1800mm	4500mm
TSIBPWS1852	1800mm	5200mm

PORTABLE WELDING SCREENS

The portable welding shield folds flat when not in use or when being transported. It is:

- Light weight
- Compact
- Quick and easy to assemble

Provides excellent protection as:

- A table top welding screen
- Portable (hand carried) maintenance screen
- Compact safety screen (fits easily into a truck or van)

CODE	DESCRIPTION
TSIBF511100	Frame
TSIBPWSASG1	ArcSafe® Green Screen
TSIBPWSASR1	ArcSafe® Red Screen
TSIBPWSNW1	NeoWeld® Screen
TSIBPWSGFP1	FR Canvas Screen

Frames and screens sold separately



DIMENSIONS:

- Middle 850 x 850mm
- Side 850 x 450mm

WELDING FRAMES

Free-standing portable safety frames

Elliott Australia's frames offer the unique combination of strength, sturdiness and safety. Screens and frames are sold separately.

Strength

One source of strength is the solidity of the heavy duty tubing. Additional strength comes from the corners which are attached to the cross bars.

Sturdiness

Top quality steel tubing with corners in one complete section combined with platform legs minimise frame wobble and sway. Elliott's frames are designed for today's tough and abusive industrial demands.

Safety

Elliott frames can be combined with either of our welding screens to give necessary protection for welding areas, machine shops, spray booths, printing washing booths, room dividers, grinding and other similar applications.

FEATURES:

- Super strength tubing provides neat appearance
- Limited gapping between posts with multi-panel screens
- Free standing
- Sturdy platform legs
- Easy to assemble
- Available in multi-panel screens and cubicles
- Static (not moveable) or mobile (moveable on castors)



• *Frames and screens sold separately*

CODE	WIDTH	DROP
TSIBF511300	1300mm	1800mm
TSIBF511800	1800mm	1800mm
TSIBF511200	2000mm	1800mm
TSIBF512600	2600mm	1800mm

OPTIONAL ACCESSORIES:

CODE	DESCRIPTION
TSIBF510100	Set of 4 castors
TSIBF510101	Hinge set (2)



TRACKING SYSTEM

The Elliott tracking system provides a quick and economical way of creating permanent work area dividers. With Elliott track and roller systems 'walls' can be created, to separate work areas simply by drawing curtains open or closed. Curtains roll effortlessly on heavy two wheel rollers that travel inside an enclosed track. By using various curves and connectors, tracks and curtains can be configured to any shape and size

IDEAL FOR:

- Welding stations
- Painting operations
- Separating storage areas
- Draft and climate control
- Production lines
- Loading docks
- Or any place where work can be done faster and more efficiently if separated.

T CONNECTOR SUPPORTED



CODE TSIB1018

ROLLER



CODE TSIB1010

END SUPPORTED



CODE TSIB1013

END STOPPER



CODE TSIB1015

TRACK CURVE



CODE TSIB1011

TRACK BRACKET /L SUPPORT



CODE TSIB1014

STRAIGHT TRACK



CODE	LENGTH
TSIB1000	1255mm
TSIB1001	2000mm
TSIB1003	3000mm

CONNECTOR SUPPORTED



CODE TSIB1016

L CONNECTOR SUPPORTED



CODE TSIB1017

CONNECTOR



CODE TSIB1012

FLAME RETARDED CANVAS SCREENS

- Cost effective robust flame retarded screens.
- Ideal as a non-translucent barrier between work areas or passage ways
- Ideal as a barrier from sparks generated from grinding or cutting

COLOURS AND SIZES:

CODE	WIDTH	DROP
TSIBGFP48	1200mm	1800mm
TSIBGFP72	1800mm	1800mm

*Special sizes available by request
Available by the roll on request*



WELDING BLANKETS - HEATSHIELD® HEATSHIELD: HEAT AND RETENTION AND INSULATION

A 'Welding Blanket' is designed to encapsulate a metal object that has been subjected to heat treatment either through stress relieving or welding. The blanket retards the cooling rates contributing towards the non hardening and possible subsequent embrittlement in the Heat Effected Zone (H.E.Z.). Elliott offers blankets manufactured from two fabrics, HeatShield® and T1000.

HeatShield® is manufactured from E Glass fibre which is a noncombustible, flexible, inorganic material that has been specifically designed to provide retention of heat. HeatShield® has a service temperature of 500°C with a 100% duty cycle providing a wide scope, white fulfilling most applications.

- Continuous working temperature: 500°C
- Thickness 2.2mm
- Weight 1150g/m²

CODE	WIDTH	DROP
TSIBHSB63	900mm	1800mm
TSIBHSB66	1800mm	1800mm

*Special sizes available by request
Available by the roll on request*



WELDING BLANKETS - T1000®

T1000 is also manufactured from E Glass Fibre which is a non-combustible, flexible, inorganic material that has been treated to withstand higher temperatures than HeatShield®. T1000 has been developed to provide a blanket fabric that will be unaffected by surface temperatures of 800°C continuously.

- Continuous working temperature: 800°C
- Thickness 2.2mm
- Weight 1150g/m²

CODE	WIDTH	DROP
TSIB100063	900mm	1800mm
TSIB100066	1800mm	1800mm

*Special sizes available by request
Available by the roll on request*



WELDING DRAPES

Application - Protection from Spatter and Dross

A 'Welding Drape' is designed to be placed over or cover an object that cannot be moved and is positioned in such a way that welding spatter and dross could cause damage.

The positioning of a drape is of utmost importance. It should be arranged loosely over the object to enhance the run off of welding spatter and dross. A welding drape can also be used as a curtain where a more robust material is required.

Elliott offers drapes made from three types of fabrics: NeoWeld®, SilicaGlass and Leather.

NEOWELD®

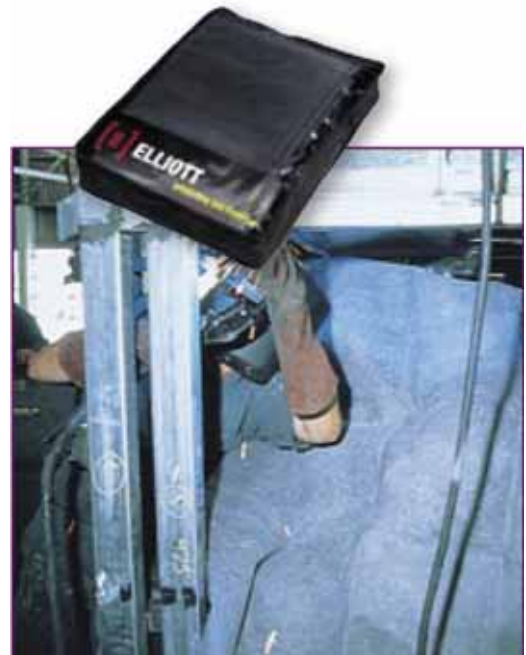
NeoWeld® is Elliott Australia's most popular fabric used in welding drapes. NeoWeld® is an E-Glass fabric coated in flame retarded neoprene which provides a slick surface to enable the weld spatter and dross to cascade away.

SPECIFICATIONS:

- Continuous working temperature 260°C
- Thickness 1.2mm
- Weight 1000g/m²

CODE	WIDTH	DROP
TSIBNWB63	900mm	1800mm
TSIBNWB66	1700mm	1800mm

*Special sizes available by request
Available by the roll on request*



IMPORTANT: Care should be taken to position a drape to enhance the natural run-off of the weld spatter and dross.

SILICA GLASS

A SilicaGlass drape can be confidently used for protection of sensitive areas. A premium product with a silica content of 96%, producing a crystalline crust when exposed to a neutral oxy-acetylene flame as used in the auto repair industry.

SPECIFICATIONS:

- Continuous working temperature 1000°C
- Thickness 1.2mm
- Weight 1000g/m²

CODE	WIDTH	DROP
TSIBSG0303	300mm	300mm
TSIBSG117	900mm	1800mm
TSIBSG1817	1700mm	1800mm

*Special sizes available by request
Available by the roll on request*



LEATHER

A leather drape manufactured from selected chrome split leather is Elliott Australia's economical robust, all purpose drape.

SPECIFICATIONS

- Continuous working temperature 80°C
- Thickness 1.4mm

CODE	WIDTH	DROP
TSIBCLD189	900mm	1800mm
TSIBCLD1818	1800mm	1800mm

Special sizes available on request

