



SCREEN FLEX

VINYL FOR SAFETY

CURTAINS AND PARTITIONS

WELDING IN COMPLETE SAFETY

Arc welding generates a high concentration of energy, together with physical hazards for the working environment of the welder.



✓ Hazards caused by light radiation

An electric arc emits significant amounts of ultraviolet, infrared and blue light radiation which can cause cicatrising conjunctivitis, erythema and other types of ocular lesion.

✓ The risk of fire and the risk of burns caused by weld spatter:

The welding arc generates weld spatter at temperatures which can exceed 1,500 °C.

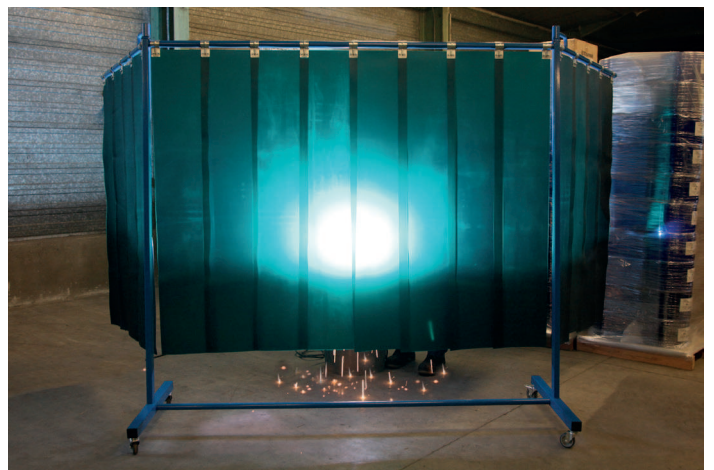
THE SOLUTION : THE SCREENFLEX® FIREPROOF FILTERING SCREEN

The ScreenFlex® screen provides protection for the working environment of the welder:

- ✓ It filters hazardous radiation from blue light, ultraviolet light and infrared light.
- ✓ It eliminates any hazard caused by weld spatter, as well as any risk of fire outside the working area.



Protection of property



Protection from personal injury

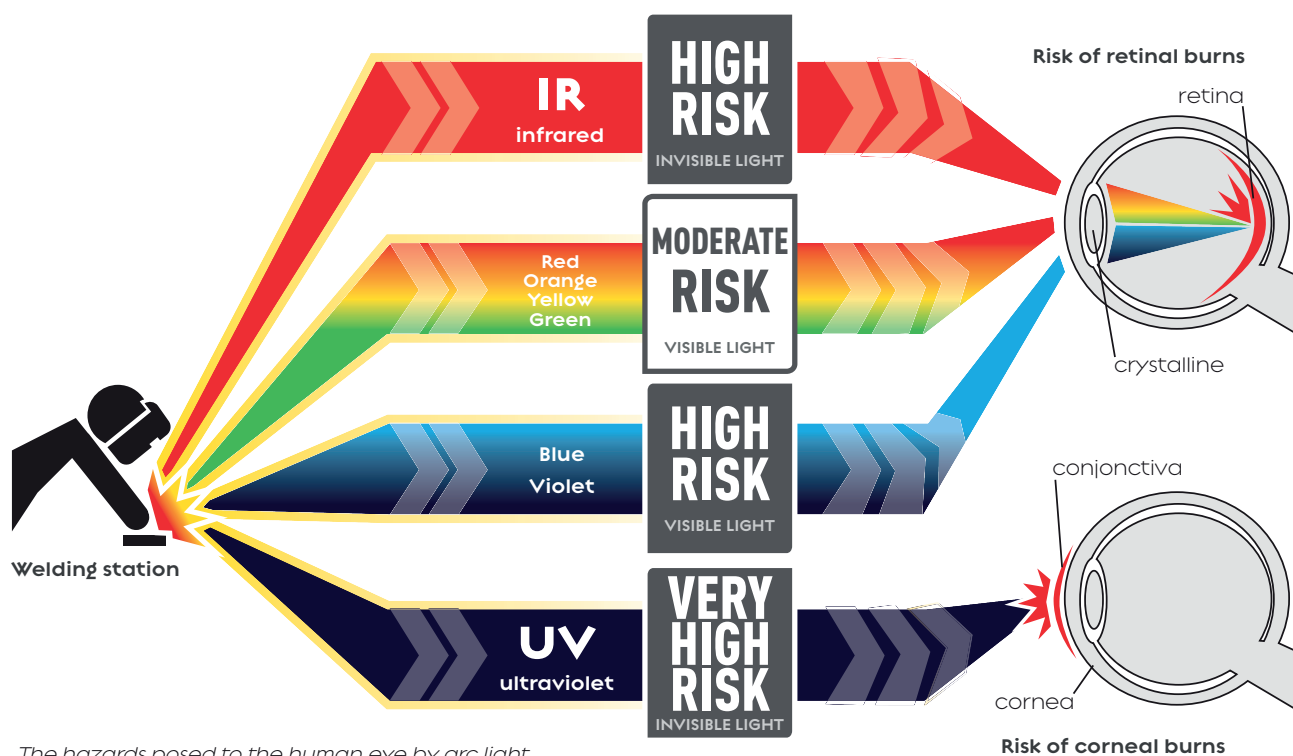
THE INTERNATIONAL SAFETY STANDARD

Published in 2014, **ISO Standard 25980** is the result of international commitment to providing a definitive set of guidelines with regard to health and safety in the arc welding sector. The **ISO Standard 25980** combines the **EN1598** and **AWSF2.3M:2011**.

AN EFFECTIVE SCREEN AGAINST RADIATION

Electric arc welding produces a very bright light consisting, in part, of ultraviolet and infrared radiation, together with a blue light which can cause serious and irreversible lesions of the eye.

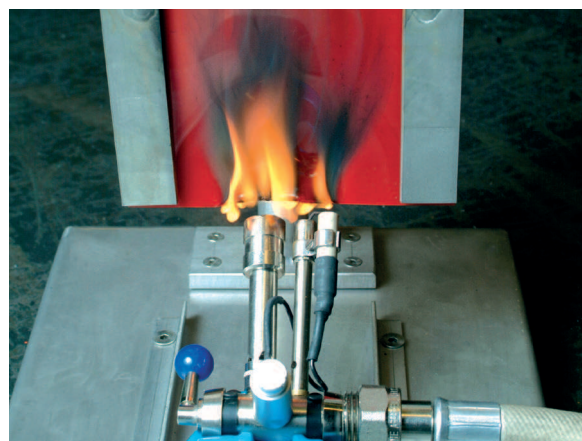
The **ScreenFlex®** protective screen absorbs hazardous radiation, regardless of whether it is visible, such as blue light, or invisible, such as infrared and ultraviolet radiation.



The hazards posed to the human eye by arc light

THE OPTICAL REQUIREMENTS OF ISO 25980

- ✓ Reduction of excessive exposure to visible and infrared light (risk factor $G < 1$).
- ✓ Suppression of at least 99.998% of UVB and UVC radiation.
- ✓ Less than 10% of the light reflected toward the welder.
- ✓ Less than 20% increase in transmittance during accelerated ageing tests.





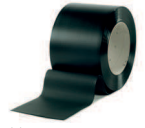
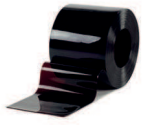
A FIREPROOF BARRIER AGAINST WELD SPATTER

The scattering of molten metallic particles (weld spatter) can attain temperatures in excess of 1,500 °C and this constitutes a real danger of burns or the outbreak of fire.

The **ScreenFlex®** protective screen prevents the spread of weld spatter and safeguards the working environment of the welder.

THE SCREENFLEX® PRODUCT RANGE

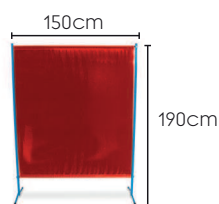
The **ScreenFlex®** product range satisfies all the criteria defined by these industrial standards: **ISO 25980** (International), **EN1598** (Europe) and **AWSF2.3M:2011** (USA).

4 COLOURS AVAILABLE →	 <i>red</i>	 <i>Light green</i>	 <i>Matt green</i>	 <i>Bronze</i>
Transparency (supervision and safety)	****	**	*	***
Comfort for the outside observer	*	***	****	**
Protection from radiation	****	****	****	****

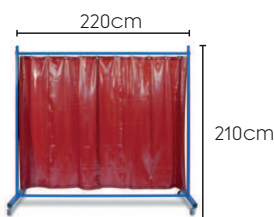
ScreenFlex® screens are available in 4 colours for improved supervision and the protection of personnel outside the workstation.



ROLLS	
STANDARD DIMENSIONS*	200mm x 2mm x 50m
	300mm x 2mm x 50m
	570mm x 1mm x 50m
	1400mm x 0,4mm x 50m



ECO KIT	
STANDARD DIMENSIONS*	1400mm x 0,4mm x 1500mm



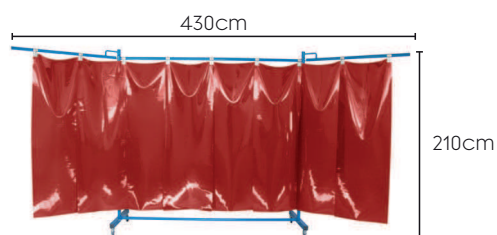
PRO KIT	
STRIP VERSION (standard dimensions)	300mm x 2mm x 1600mm
	300mm x 2mm x 1800mm
	570mm x 1mm x 1600mm
	570mm x 1mm x 1800mm
CURTAIN VERSION (standard dimensions)	1400mm x 0,4mm x 1600mm
	1400mm x 0,4mm x 1800mm



PRE-DRILLED STRIPS AND HOOKS	
STANDARD DIMENSIONS*	300mm x 2mm x 1600mm
	300mm x 2mm x 1800mm
	570mm x 1mm x 1600mm
	570mm x 1mm x 1800mm



WELDING CURTAINS AND HOOKS	
STANDARD DIMENSIONS*	1400mm x 0,4mm x 1400mm
	1400mm x 0,4mm x 1600mm
	1400mm x 0,4mm x 1800mm



TRIPTYCH KITMV	
STRIP VERSION (standard dimensions)	300mm x 2mm x 1600mm
	300mm x 2mm x 1800mm
	570mm x 1mm x 1600mm
	570mm x 1mm x 1800mm
CURTAIN VERSION (standard dimensions)	1400mm x 0,4mm x 1600mm
	1400mm x 0,4mm x 1800mm

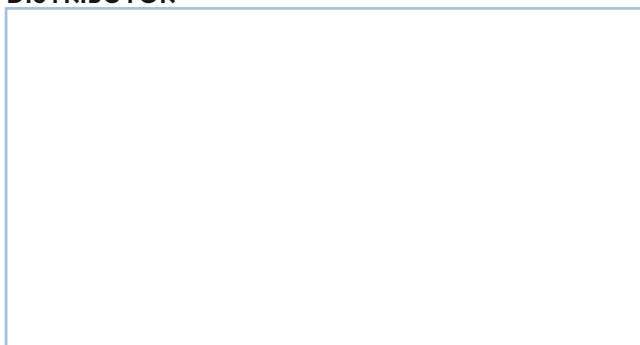
APPLICATIONS

Industry, assembly line, workshop





DISTRIBUTOR



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