

Weld Screens – AWS Specifications

- Welding screens are intended to filter hazardous radiant energy while allowing people to safely see the welder and the welding operation.
- To assist the process, the American Welding Society established standards for spectral filtration, and limits how much UV radiation and Blue Light radiation can come through the welding screens and curtains.

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Grade	Luminous Transmittance (%)		Max. Transmittance (% Ultraviolet)		Max. Blue Light Tb Transmittance (%)
	Min	Max	200nm -315nm	315nm – 380nm	400nm – 500nm
Light	29	100	0.002	0.1	0.2
Medium	8.5	29	0.002	0.1	0.2
Dark	1.18	8.5	0.002	0.1	0.2

- TMI INTERNATIONAL, LLC Weld Screens are compliant with the AWS specifications.