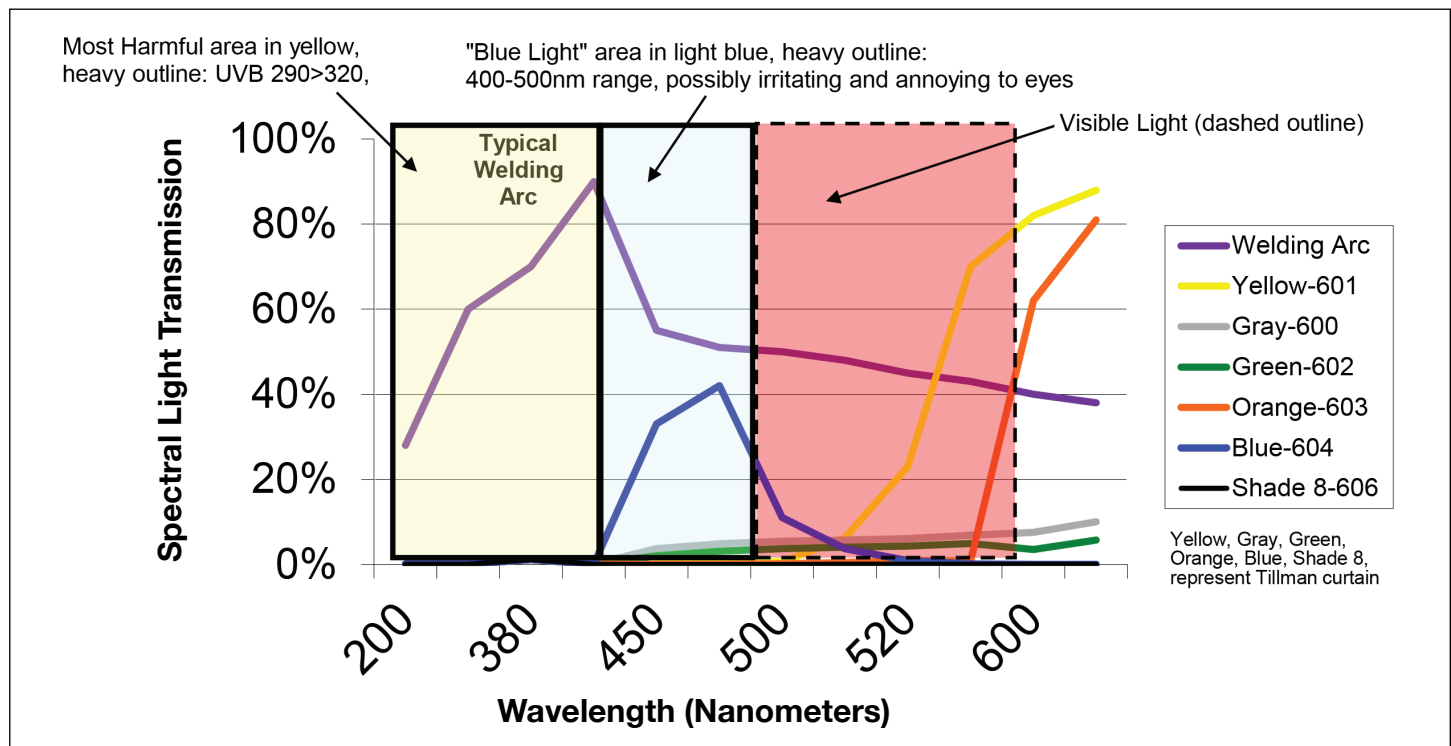


ArcShield Transparent Vinyl Welding Curtains

Tillman ArcShield Welding Screen Material Performance



Tillman ArcShield 600, 601, 602, 603, 604, and 606 curtains provide the best performance.

By protecting the casual viewer or passerby, Tillman ArcShield welding curtains and portable screens are an easy way to make your work environment safer. The information on this page and following pages will help you select the type of protection you need and guides you through how to order.

Explanation

1. The eye can only see in the red shaded area: 500-700nm. Light rays here are not dangerous.
2. The area from 200-400nm cannot be seen by the eye but is the most potentially dangerous.
3. The goal is to block these harmful rays as much as possible in the 200-400nm range (yellow shaded area).
4. Tillman 600, 601, 602, 603, 604, 606, 623 block 99+% of the most harmful rays.
5. The area from 400-500nm is called "blue light". This area is on the border of light that can be seen and can cause eye irritation.

Spectral Light Transmission: Amount of a light ray that is allowed to pass through. 0% means 100% blocked, 100% is like looking through a clear lens.

Wavelength: How the light is measured.

Ultraviolet Light: Light that is not able to be seen by the eye. Some of this light is harmful and some is not. The graph highlights the harmful areas.