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VISIBLE LIGHT TRANSMISSION

When light passes through a lens, some of it is absorbed and some of it is reflected. The amount of light that passes through is known as the visible light transmission (VLT) and is represented by a percentage. Lens colors with a higher percentage of VLT will be lighter and allow more light to pass through, while lens colors with a lower percentage of VLT will be darker, blocking more light from reaching your eyes.

 94% Clear	 52% Light Gray	 23% Gray	 11% 3.0 IR Filter
 92% UV400 Blue Block	 51% I/O Mirror	 20% Sun Block Bronze	 11% Smoke Green Mirror
 89% Amber	 43% Purple Haze	 18% Antique Mirror	 10% Forest Gray
 84% Photochromic	 38% Vermilion	 18% Blue Mirror	 10% Ice Orange Mirror
 82% Pink	 27% Coffee	 18% Gold Mirror	 10% Smoke Green
 71% Infinity Blue	 27% Multi-color Mirror	 18% Green Mirror	 7% Dark Gray
 66% 1.5 IR Filter	 27% Sandstone Bronze	 18% Silver Mirror	 2% 5.0 IR Filter
 64% Arc IR Filter	 27% Shooter's Amber	 14% Sky Red Mirror	
 61% Orange	 23% Bronze	 13% Ice Blue Mirror	


















APPLICATIONS

Use our suggested lens color guide to help decide which lens is best for the task at hand.

Outdoor Use

-  Light Gray
-  I/O Mirror
-  Coffee
-  Multi-color Mirror
-  Sandstone Bronze
-  Bronze
-  Gray
-  Sun Block Bronze
-  Blue Mirror
-  Gold Mirror
-  Green Mirror
-  Silver Mirror
-  Sky Red Mirror
-  Ice Blue Mirror
-  Smoke Green Mirror
-  Forest Gray
-  Ice Orange Mirror
-  Smoke Green
-  Dark Gray
-  Polarized Gray
-  Polarized Blue Mirror
-  Polarized Green Mirror
-  Polarized Sky Red Mirror
-  Polarized Forest Gray

Excessive Glare

-  Light Gray
-  I/O Mirror
-  Gray
-  Blue Mirror
-  Gold Mirror
-  Green Mirror
-  Silver Mirror
-  Sky Red Mirror
-  Ice Blue Mirror
-  Forest Gray
-  Ice Orange Mirror
-  Dark Gray
-  Polarized Gray
-  Polarized Blue Mirror
-  Polarized Green Mirror
-  Polarized Sky Red Mirror
-  Polarized Forest Gray

Indoor Use

-  Clear
 -  Amber
 -  Pink
 -  Infinity Blue
 -  Orange
 -  I/O Mirror
 -  Purple Haze
- ### Low Light
-  Amber
 -  Pink
 -  Infinity Blue
 -  Orange
 -  Purple Haze
 -  Shooter's Amber
 -  Sun Block Bronze

Enhance Contrast

-  UV400 Blue Block
-  Amber
-  Pink
-  Infinity Blue
-  Orange
-  Purple Haze
-  Vermilion
-  Sandstone Bronze
-  Shooter's Amber

Welding

-  1.5 IR Filter
-  Arc IR Filter
-  3.0 IR Filter
-  5.0 IR Filter

i 1.5 IR is designed for peripheral personnel and visitors who are NOT exposed to direct IR radiation.

Arc is great for use under the welding helmet. It allows the welder to see work clearly without suffering "welder's flash burn" from surrounding welders.