Welding Helmet and Goggle Filter Lens Selection Guide

Choosing the correct filter in accordance with the type of welding process results in adequate eye protection, eye comfort and improved visual quality.

Process	Lens
Manual Metal Arc: 1/16", 3/32", 1/8", 5/32" Electrodes 3/16", 7/32", 1/4" Electrodes 5/16", 3/8" Electrodes	 10 12 14
MIG Welding (Nonferrous)	11
MIG Welding (Ferrous)	12
Atomic Hydrogen Welding	10 – 14
TIG Welding	12
Open Arc (Semi-Auto Hardface with 7/64" Core Wire)	10 – 14

Process	Lens
Plasma Cutting	14
Carbon Arc	14
Soldering	2
Torch Brazing	3 or 4
Light Cutting, Up to 1"	3 or 4
Medium Cutting, 1" to 6"	4 or 5
Heavy Cutting, 6" and Over	5 or 6
Gas Welding (Light), Up to 1/8"	4 or 5
Gas Welding (Medium), 1/8" to 1/2"	5 or 6
Gas Welding (Heavy), 1/2" and Over	6 or 8

Eclipse™ Auto-Darkening Welding Helmets

- Lens size: 4-1/2" x 5-1/4"
- Return to passive shade "delay" adjustment
- Standard or TIG sensitivity adjustment (Eclipse 912 standard adjustment only)
- Solar powered with non-replaceable Lithium battery backup (Eclipse 912 uses two AAA batteries)
- All Eclipse helmets carry a 2-year warranty
- ANSI Z87.1-certified

Eclipse™ 2000 Broadview Variable CW5440

Eclipse™ 2000 Broadview Auto Dark CW5438

Eclipse™ 912 CW3092

Eclipse™ 2000 Industrial CW5439

Description	Passive Light Shade	Auto-Dark Lens Viewing Area (Inches)	Part No. Replacement Headgear	Part No. Replacement Shell	Part No. Lens Cover Plate	Part No. Lens Back Plate	Part No. Lens Only	Part No. Helmet and Lens	Pkg. Qty.
Eclipse 2000 Broadview Variable Variable Shade 7 – 14 with Four Light Sensors* and External Dual Control Shade Adjustment	3**	3-1/4 x 3-7/8	**CW4882**	–	**CW1462**	**CW1462**	**CW5485***	**CW5440**	1
Eclipse 2000 Braodview Auto Dark Fixed Shade 10.5 with Four Light Sensors	2.5	3-1/4 x 3-7/8	**CW4882**	**CW4881**	**CW1462**	**CW1462**	**CW5484**	**CW5438**	1
Eclipse 912 Variable Shade 9 – 12 with Two Light Sensors	2.75	2-3/8 x 3-7/8	**CW3480**	**CW3090**	**CW1462**	**CW1217**	**CW3091**	**CW3092**	1
Eclipse 2000 Industrial Variable Shade 7 – 14 with Two Light Sensors and External Dual Control Shade Adjustment	3	1-7/8 x 3-7/8	**CW4882**	–	**CW1462**	**CW1462**	–	**CW5439**	1

**9 – 12 Shade with Extreme Lens, Part No. CW5485. Extreme Lens must be ordered separately.*

***Passive Light Shade 4 with Extreme Lens.*