

FILTER LENS SHADE NUMBER GUIDE

<u>WELDING OPERATION</u>	<u>SHADE NUMBER</u>
Shielded Metal-Arc Welding, up to 5/32" (4mm) electrodes	10
Shielded Metal-Arc Welding, 3/16 to 1/4" (4.8 to 6.4mm) electrodes	12
Shielded Metal-Arc Welding, over 1/4" (6.4mm) electrodes	14
Gas Metal-Arc Welding (Nonferrous)	11
Gas Metal-Arc Welding (Ferrous)	12
Gas Tungsten-Arc Welding	12
Atomic Hydrogen Welding	14
Carbon Arc Welding	10-14
Torch Soldering	2
Torch Brazing	3 or 4
Light Cutting, up to 1" (25 mm)	3 or 4
Medium Cutting, 1" to 6"(25 to 150 mm)	4 or 5
Heavy Cutting, over 6" (150 mm)	5 or 6
Gas Welding (light), up to 1/8" (3.2 mm)	4 or 5
Gas Welding (medium), 1/8" to 1/2" (3.2 to 12.7 mm)	5 or 6
Gas Welding (heavy), over 1/2" in (12.7 mm)	6 or 8

Note: In gas welding or oxygen cutting where the torch produces a high yellow light, it is desirable to use a filter lens that absorbs the yellow or sodium line in the visible light of the operation spectrum.