

AO Tuffmaster® Faceshield/Headgear System



Prod. Code 82502
Cat. No. H18

Cap mounted headgear for use where additional head protection is needed. Mounts firmly and quickly to LR46 and other hard hats. Dual pivot friction adjustment for individual preference.

Prod. Code 82500
Cat. No. H4

Economical headgear, suspension has adjustable pin-lock and five position crown strap for additional support and comfort. Adjusts from size 6-1/2 to 8 inches in 1/8 inch increments.



Prod. Code 82501
Cat. No. H8A

Deluxe headgear has precision ratchet head size adjustment for a comfortable snug fit. Has five position pin-lock crown strap for additional support and comfort. Floating window suspension distributes weight and reduces shock of impact. Exceptional performance and protection in high heat applications. Can be used in ambient air temperatures up to 300°F.

Prod. Code 82516
Cat. No. H10

Same features as H8A plus a crown extender for additional top-of-the-head protection and headgear extenders to move headgear/faceshield further away from face. Exceptional performance and protection in high heat applications. Can be used in ambient air temperatures up to 300°F.



Prod. Code 82519
Cat. No. H24

A cap mounting headgear with spring loaded metal mounting channel for easy and quick attachment to most hard caps. Dual pivot friction adjustment for individual preference. Crown can be reversed for backward cap mounting.



Prod. Code 82521
Cat. No. HCP8

Standard H8A headgear plus chin protector. Use where additional chin protection is needed. Uses faceshield window WP98, ordered separately.

Prod. Code 82512
Cat. No. H20

For use in areas where chemical splash, spray and impact of falling objects requires protection for both face and head. Seats to brim of LR46 hard hat to help protect against leakage of splash or spray inside faceshield. Corrosion resistant nylon headgear H20 can be used alone, with a HA21 Universal Arm Assembly (Order Separately) or with the #2000H Hearing Protector (Order Separately). Window can be raised without disruption of the hearing protection seal. Can be used with other hard hats.

PRODUCT CODE	DESCRIPTION		
CLEAR WINDOWS		ALUMINIZED WINDOWS	
82700-00000	W96 Clear Propionate molded window for general purpose face protection to reduce risk of splash, spray, and light impact. Good chemical resistance. Size: 9" X 14-1/2" X 0.080"	82585-00000	WP96XAL Clear Aluminized Polycarbonate wide window protects against radiant heat and impact from flying particles. Reflects up to 80% radiant heat. Size: 9" X 18-1/4" X 0.040"
82701-00000	WP96 Clear Polycarbonate molded window for heavy duty impact protection against flying particles. Good heat resistance. Size: 9" X 14-1/2" X 0.080"	82586-00000	*WP96XBAL Medium Green Aluminized Polycarbonate wide window. Same as 82585 but with added glare reduction. Use in bright, high heat furnace type operations. Size: 9" X 18-1/4" X 0.040"
82704-00000	WP96AF Clear Anti-fog Polycarbonate Window. Size 9" x 14-1/2" x 0.080"	82587-00000	*WP96CAL Dark Green Aluminized Polycarbonate wide window for maximum reduction of glare. Aluminized window reflects up to 80% radiant heat. Use in bright, high heat, furnace type operations. Size: 9" X 18-1/4" X 0.040"
82579-00000	WP96R Clear Polycarbonate window for general purpose face protection. Size: 9" X 14-1/2" X 0.040"	INFRARED-ABSORBING WINDOWS	
82582-00000	WP96X Clear Polycarbonate wide window provides added coverage for general purpose face protection. Size: 9" X 18-1/4" X 0.040"	82705-00000	W96IR3 Propionate molded window IR Shade 3 with absorptive properties for ultraviolet, visible and infrared radiation. Designed for most gas welding, soldering, and brazing operations and light to moderate-temperature furnace viewing. DO NOT USE for arc welding operations. Size: 9" X 14-1/2" X 0.080"
82578-00000	WP96S Clear Polycarbonate short window for added chest and shoulder clearance when turning and lowering head. General purpose face protection. Size: 7-1/2" X 14-1/2" X 0.040"	82706-00000	W96IR5 Propionate molded window IR Shade 5. Same as above but with added shade protection. DO NOT USE for arc welding operations. Size: 9" X 14-1/2" X 0.080"
82581-00000	WE96X Clear PETG wide window for added coverage. General purpose face protection to reduce risk of splash, spray, and light impact. Good chemical resistance. Size: 9" X 18-1/4" X 0.040"	MESH WINDOWS	
82580-00000	WE96S Clear PETG short window for added chest and shoulder clearance when turning and lowering head. General purpose face protection to reduce risk of splash, spray, and light impact. Good chemical resistance. Size: 7-1/2" X 14-1/2" X 0.040"	82533-00000	W96MS Short Screen extends down to chin level allowing freedom of movement. Excellent for use in forestry, paper manufacturing, and agriculture. Size: 5-1/4" X 12"
82517-00000	WP98 Clear Polycarbonate window for HCP8	82506-00000	W96M Steel Screen (24 mesh) for wrap around face protection where hot conditions require maximum ventilation. Size: 9" X 14-1/2"
GREEN WINDOWS		82511-00000	W96MW Steel Screen (24 mesh) with a clear replaceable eyeshield for improved visual clarity where necessary. For use where maximum ventilation is needed. Size: 9" X 14-1/2"
82583-00000	*WP96XB Medium Green Polycarbonate wide window for general glare reduction Non-infrared absorbing. Size: 9" X 18-1/4" X 0.040"	82827-00000	269-3X Clear Acetate replacement eyeshield for W96MW. .060" thick acetate.
82584-00000	*WP96XC Dark Green Polycarbonate wide window for high glare reduction. Non-infrared absorbing. Size: 9" X 18-1/4" X 0.040"	*Non-infrared absorbing.	
ARC-BLOCK WINDOWS			
82728-00000	W96AB Arc Block propionate molded window. Protects against accidental arcing. Excellent choice for electrical switching operations and electrical rail maintenance. NOT designed for arc welding operations. Size: 9" X 14-1/2" X 0.080"		

To Order or Locate Your Nearest
Stocking Distributor:

USA: Call: 1-800-225-9038 Fax: 1-800-488-8007
 Canada: Call: 1-800-387-9681 Fax: 1-800-488-8007
 Other Countries: Call: 1-317-692-6643 Fax: 1-317-692-6570



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For Technical Information:

USA & Canada Call: 1-800-444-4774 Fax: 1-508-764-5640
 Other Countries: Call: 1-508-764-5721 Fax: 1-508-764-5640

www.aosafety.com



Introducing AO Tuffmaster® Faceshield/Headgear System



Say Good-bye to Snaps,
Cams or Bands.

The AO Tuffmaster faceshield system allows window replacement in seconds.

A wide range of available options makes it simple to choose appropriate protection.

A high-strength thermoplastic crown protector provides impact resistance over a wide range of temperatures.

AO Tuffmaster®

AO Tuffmaster®

Easy-Change™ Windows

Eight Choices
of Clear
Windows for
Protection in
a Variety of
Work
Situations.

Polycarbonate in 4 Sizes



WP96R
Regular size in .040"



WP96S
Short window for easy movement.



WP96
Molded .080" window for extra heavy duty, protection impact. Also available in anti-fog WP96AF.



WP96X
Wide window in size .040".

PETG in 2 Sizes



WE96S
For added chest and shoulder clearance when turning and lowering head.



WE96X
Large window provides added coverage. Good chemical resistance.

Clear Molded Propionate



W96
Good chemical resistance in a .080" molded window.

Designed to Protect Workers in
Metalworking, Utilities, Forestry
and Many Other Industries.



HCP8 For Chin Protection
Standard H8A headgear plus chin protector. Use where additional chin protection is needed. Polycarbonate faceshield window WP98, ordered separately.



WP96XC
Green Shade C Wide Window
For high glare reduction.



WP96XB
Green Shade B Wide Window
For general glare reduction.

Heat Reflective Windows

These new windows are coated in our new, state-of-the-art vacuum deposition chamber. This new unit provides significantly improved consistency in the optical and reflective properties of these windows, enabling us to offer the highest-quality, most dependable reflective windows available.

WP96XAL *Aluminized Polycarbonate Wide Window

We aluminize a large (9"X18 1/4"), clear polycarbonate window to produce this excellent product, which absorbs 99.9% of ultraviolet radiation and reflects up to 80% of radiant heat. A superior value for high-heat, furnace-type applications.

WP96XBAL *Aluminized/Shade B Polycarbonate Wide Window

Same as the aluminized clear window, but with a medium green tint for glare reduction. Designed for bright, high-heat, furnace-type operations.

WP96XCAL *Aluminized/Shade C Polycarbonate Wide Window

Same as the aluminized clear window, but with a dark green tint for greater glare reduction. Designed for bright, high-heat, furnace-type applications.

*Non-infrared absorbent.

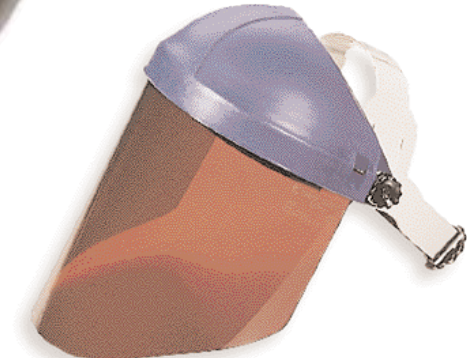


Infrared-Radiation Absorbing Windows

W96IR3 & W96IR5 Propionate Windows -- These shade 3 and shade 5 windows meet the radiant energy requirements of Table 1 of ANSI Z87.1-1989, with absorptive properties for ultraviolet, visible and infrared radiation. Designed for most gas *welding, soldering and brazing operations, and light-to-moderate-temperature furnace viewing. These large (9-1/2" x 14") windows are injection-molded for excellent optics.

W96AB Arc Block™ Propionate Window -- Designed to help protect against accidental arcing.* Absorbs 99.9% of ultraviolet radiation, and provides infrared radiation absorption equivalent to a Shade 2.5 window. This large (9-1/2" X 14") window is injection molded for excellent optics, and provides true color recognition, making it an excellent choice for electrical switching operations and electrical rail maintenance.

(*Not designed for arc welding operations.)



Wire Mesh Windows

W96MS Short Screen Window -- Designed to provide coverage of the eyes and face, while allowing excellent ventilation. Constructed from #18 wire mesh with a black matte finish for minimal reflection and reduced corrosion. The screen extends down to chin level for freedom of movement, and the plastic binder means there are no sharp edges. Excellent for use in forestry, paper manufacturing and agricultural applications. Size: 5-1/4" x 12".



W96MW -- Has a clear replaceable, eyeshield viewing port (6-1/4"W x 2-3/8"H x 0.060" acetate) for improved visual clarity when necessary. Six snaps securely fasten the viewing port to the steel wire mesh, screen. Provides wrap-around facial protection where hot working conditions require maximum ventilation. Also available in full screen W96M.



Easy Window Insertion

The AO Tuffmaster faceshield windows mount inside the crown protector for greater splash protection. Windows are reinforced under the crown protector for added support against impact.

The AO Tuffmaster faceshield has a spring-loaded pivot assembly to help eliminate "window drops". Its sleek design and color combination provides good-looking protection.



Push headgear lug into window lug hole on both sides of headgear.



Pivot window into headgear until a "click" is heard.

AO Tuffmaster® Easy-Change™ windows meet the requirements of ANSI Z87.1.

Tinted and aluminized windows do not meet the radiant energy requirements of ANSI Z87.1, and should not be used for welding. ANSI Z87.1 requires the use of protective spectacles or goggles in combination with faceshields.

Headgear and windows sold separately.

