

EN 175:1997 WELDING USER INSTRUCTION SHEET

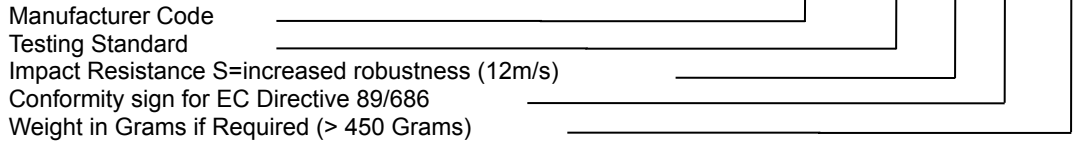
Refer to Honeywell Safety products EN166 user instruction sheet (item# 351010P-03) for general eye protection instructions, limitations and maintenance.

Field of Use

Welding helmets offer the face and eyes protection against optical and thermal radiation, flying particles which may be emitted during welding and torch cutting operations. An approved welding filter designed for the application must be used to protect the user from UV, Visible and IR radiation. An anti-spatter or splash lens must be used to protect the welding filter during use.

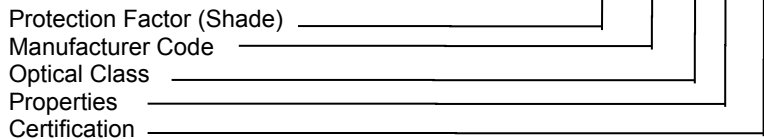
Explanation of Marking on the Welding Helmet

HON EN175 S CE XXX



Explanation of marking on Welding Lens

10 BAL 1 S CE



See reverse side for Lens Shade Selection Criteria

Instructions for Use

Adjust head suspension for comfort by adjusting head suspension, tighten on head by turning ratchet mechanism, adjust side nuts for torque setting and adjust stop plate for desired drop position. To replace welding filter: remove spring clip and remove lens and protection cover lens. Replace lens and assure protection cover lens is outside (closest to welding area). Always use approved replacement parts including head suspensions and welding filters.

Warnings and Limitations (retain this information)

Welding Helmets do not protect against, laser beams, furnace work, electrical panel flash protection. Always use the proper filter (shade) for desired application. Do Not use helmet if cracked or broken. Always use proper welding gloves during welding or cutting operations, Do Not place glowing hot items or torches in or on helmet. Ensure that work area is organized and other personal protective equipment is used as necessary. For COMBI products always use A69 or A79 Honeywell hard hat models. Protectors against high speed particles worn over standard ophthalmic spectacles may transmit impacts thus creating a hazard.









Sales # Series	Product Series Description	Options	Max Shade Level
8122XX	SHELLFO	Fixed Lens	
8128XX	SHELLFO NOVA	Fixed Lens (Only 2 x 4 ½ inch lens)	
8103XX	PROTASHELL BABY	Fixed or Flip up Lens Holder	Shade 11
8109XX	PROTASHELL	Fixed or Flip up Lens Holder	Shade 11
8104XX	GAMADOR	Flip up or Combination with Hard Hat	Shade 11
8105XX	LAMADOR	Flip up or Combination with Hard Hat	Shade 11
8126XX	POPWELD	Fixed Lens	
8130XX	LEATHER MASK	Flip up	
8110XX	ULTRASHELL	Flip up (Only 2 x 4 ½ inch lens)	

Suffix XX numbers indicate lens size opening option

- Original welding helmets are generally offered with Shade 10 or without lens. Other Welding shade filters are available upon request.
- Approved Supplier Baldor include fixed lenses and ADF, Automatic Darkening Filter
- Combi Helmets may be combined only to North Safety Helmets designated by Helmet part number with suffix
- CE 0194 INSPEC International Ltd, 56 Leslie Hough Way Salford Greater Manchester M6 6AJ United Kingdom.

Select protective shade lens required from chart below. Always consult equipment manufacturing instructions and warnings prior to use.

Note: Combi Units designed to attach to CE Approved Honeywell A69 And A79 Hard Hats.
 Lens Options - Shade 10 generally sold with units.

		A M P S																							
		0.5	1	2.5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500
	Stick	Grey							9	10	11					12					13				
	Mild Steel Mig with Argon	Grey										10	11	12					13						
	Mild steel Mig with CO ₂	Grey								10	11	12	13												
	Aluminum Mig	Grey										10	11	12	13										
	Tig	Grey					9	10	11	12	13	Grey													
	FCAW	Grey												10	11	12	13	Grey							
	Plasma Cutting	Grey										11					12					13			
	Plasma Welding	4	5	6	7	8	9	10	Grey																

Welding filters (mineral or plastic): Protect against intensive visible light, hazardous ultraviolet and infrared rays emitted during the welding process. To select the right shade, use the filter selection chart.

Anti-spatter cover plates (mineral or Focalite CR39) protect the welding filter from molten metal and incandescent particles positioned in front of the welding filter on the outside of the filter assembly. They have no robust properties and should never be used as eye protector.

Backing lens (Polycarbonate)

Positioned on the eye side of the filter assembly to protect the eye against flying particles, particularly shards of glass that can break off the welding filter on impact.

Warning : The use of toughed mineral filter oculars shall only be used in conjunction with a suitable backing ocular to prevent injury.

Replacement Components and Accessories

Only replacement components from Honeywell Safety Products shall be used to assure product performance. Please contact customer service/technical services for price and availability. Replacement components include mineral glass and polycarbonate protective lens covers, welding shade lenses and holders both fixed and flip up, head suspensions, and lens holder spring assembly. Assembly instructions shall accompany the replacement components and assemblies. All components should be inspected regularly for cracks and wear due and replaced if damaged.