

RI VAL OHE410 WELDING HELMET



Ryval Product Code RY/01/0004

General Description Ryval OHE410 Welding Helmet with ADF 4/9-13.

Material Description Shell – PA high impact resistance nylon.
Outer Spatter Lens – Polycarbonate 1.5mm.
Inner Lens – 1mm.
Headgear – Nylon.

- Additional Features
- Exclusive shell.
 - Stylish graphics.
 - ADF with great optical classification.
 - Suitable for most welding applications.
 - Comfortable headgear, adjustable three ways with smooth ratchet operation.
 - Lightest of our brands at just 470g.
 - EN175B Certified shell with Auto Darkening Filter (ADF) 4/9-13 with Grind function.
 - Allows the welder to see the point of arc strike more precisely, leading to a real time saving.
 - Helmet does not have to be flipped up/down during welding/grinding, both hands are kept free and because of the helmets lightweight, fatigue is reduced.

- Range of Applications
- MMA (stick-electrode)
 - MIG
 - MAG
 - TIG (>20A OHE410)
 - Grinding

Filter Shades Recommended filter shades for arc welding
Shade 10* – Less than 150 Amps
Shade 11* – 150 to 250 Amps
Shade 12* - 250 to 300 Amps
Shade 13* - 300 to 350 Amps
*** Use one shade darker for aluminium.**

Maintenance Always make sure that the helmet is equipped with an outside and inner lens (in front of the filter on the outside and on the inside behind the filter). These protection lenses must be replaced if damaged in any way. They are consumables and should be checked and replaced regularly. The filter should be cleaned when changing the protection lenses. This can be done by any of the following ways:

- Wipe with a clean, dry piece of cloth.
- Clean with a piece of smooth cloth moistened with pure alcohol.
- If used properly the welding filter requires no further maintenance during its lifetime.

Product Markings

<p>Welding Helmet Shell: CE LI EN 175 B</p> <ul style="list-style-type: none"> • CE – European Conformity mark. • LI – manufacturer identification • EN175 – testing standard • B – Medium energy impact with 120m/s 	<p>Auto Darkening Filter (ADF): CE 4/9-13 LI 1/1/1/2 379</p> <ul style="list-style-type: none"> • CE – European Conformity mark • 4 – Light state scale number • 9 – Lightest dark state scale number • 13 – Darkest state scale number • LI – Manufacturer identification • 1 – Optical class • 1 – Diffusion of light class • 1 – Variation in luminous transmittance class • 2 – Angle of Dependence classification • 379 – Testing standard
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Standards EN166B, EN175B, EN379 CE, AS/NZS 1337, 1338, ANSI/ISEA Z87.1-2010; CSA 94.3-07
 This confirms that the product fulfills the requirements of the Directive 89/686/EWG
 DIN CERTCO Gesellschaft fuer Konformitaetsbewertung GmbH, Alboinstrasse 56, 12103 Berlin, GERMANY, Notified body 0196

The welding filter (ADF) are tested for eye protection by ECS GmbH, provides approval and continual quality system under the control of the European Commission, the German Ministry for Work and the Central Office of the Provinces; ECS GmbH, Obere Bahnstrasse 74, 73431 Aalen, GERMANY, Notified Body 1883.

Technical Specification	Outer Lens	119 x 99.3 x 1.5mm	Sensitivity	Low-High internal adjustment
	Inner Lens	94.1 x 44.8 x 1mm	Sensors	2
	Viewing Area	41 x 92mm	Power Supplies	Solar cells & Li-Ion battery built in
	Light Shade State	4	Operating Temp	from -5°C ~ +55°C
	Dark State	9-13 External adjustment	Grinding	Ryval OHE410 is suitable for grinding applications
	Switching Speed	0.3ms	Weight	470g
	Delay Adjustment	0.1-0.8s internal adjustment		

Warranty 2 Years.

Accessories	Pt No.	Description
	RY/02/0007	Ryval OHE410 Anti-spatter lens (Packet 10)
	RY/02/0008	Ryval OHE410 Inner protection lens (Packet 10)
	RY/03/0013	Ryval OHE410 Headgear - complete kit
	RY/03/0014	Ryval OHE410 Sweatband (Packet 2)
	RY/03/0015	Ryval OHE410 ADF frame retainer and 1x thumb screw

PLEASE NOTE: ADF is not available as spare parts.

Packaging	<p>Helmet:</p> <ul style="list-style-type: none"> • 1/box & bag, 4/carton 	<p>Accessories:</p> <p>Header Card & Packet</p> <ul style="list-style-type: none"> • Anti-spatter & Inner lenses – 10/packet, 100packets/carton • Headgear – 1/packet, 10packets/carton • Sweatband – 2/packet, 100packets/carton • ADF frame retainer and 1x thumb screw – 1set/packet, 50packets/carton
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