



GLOBAL SPECIALISTS  
IN UNDERWATER CUTTING  
AND WELDING EQUIPMENT



<http://www.exodus-intl.com>

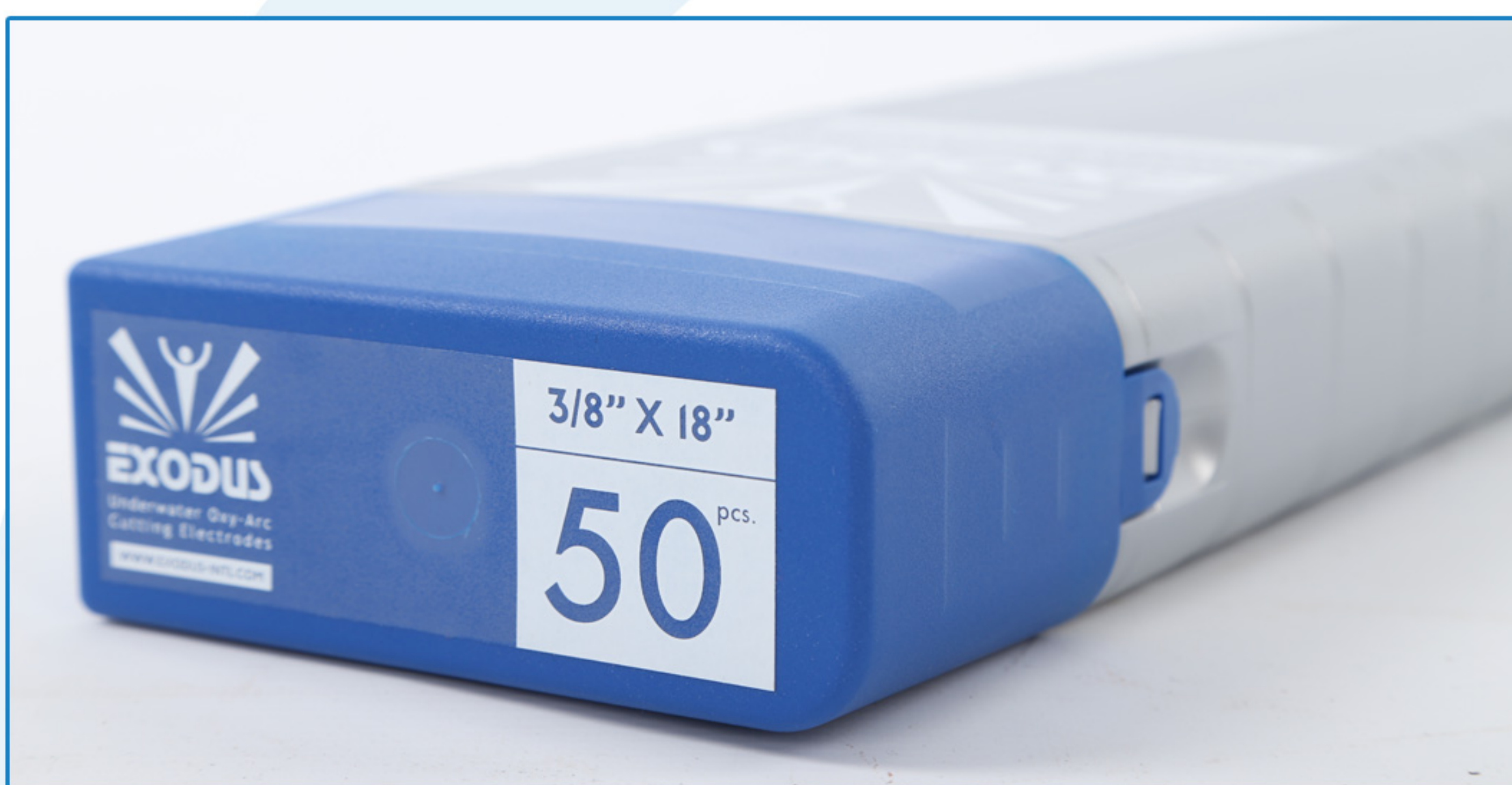


# OUR PRODUCTS

Exodus International are global specialists in the design and production of premium quality Underwater Cutting & Welding products. Innovation, quality and service are our unconditional guiding principles for meeting the high expectations of our clients worldwide. In addition we strive to have a continuous pro-active dialogue with our customers in order to improve and create new products that can contribute to their business success.

All our products are manufactured in The Netherlands and distributed through a geographical network of qualified distributors.

## OXY THERMIC UNDERWATER CUTTING ELECTRODES



Exodus Oxy Thermic Cutting Electrodes deliver an outstanding performance in the most challenging situations. The balanced physical and metallurgical construction guarantees an effortless (re)ignition of the electrode. Generating a constant extreme high temperature of around 6000°C the electrode will cut or melt nearly every material. The electrode can be used for both underwater and surface applications. Utilizing the electrode simply requires a proper industry standard underwater cutting torch, DC Welding Inverter, circuit breaker and an appropriate Oxygen source.

The electrode can even be ignited using a 12V DC battery, even when current is off it will remain burning as long as a sufficient oxygen flow is maintained. However when cutting conductive materials it is recommended to use amps to generate more heat and to enhance the cutting process (generally up to 150Amps)

### PRODUCT SPECIFICATIONS

Universal diameter of 3/8" (9.5mm)	Available in two lengths: 18" (46cm) and 36" (92cm)
Special tube coating for increased conductivity	Fast and easy (re)ignition
Strong blue heat shrink tube for optimal safety and electrical insulation.	
Exodus Oxy Thermic Cutting Electrodes are supplied in solid user-friendly plastic boxes of 50pcs (approx 9kg) for the 18" model and 50pcs (approx 18kg) for the 36" model.	

### ORDERING INFORMATION

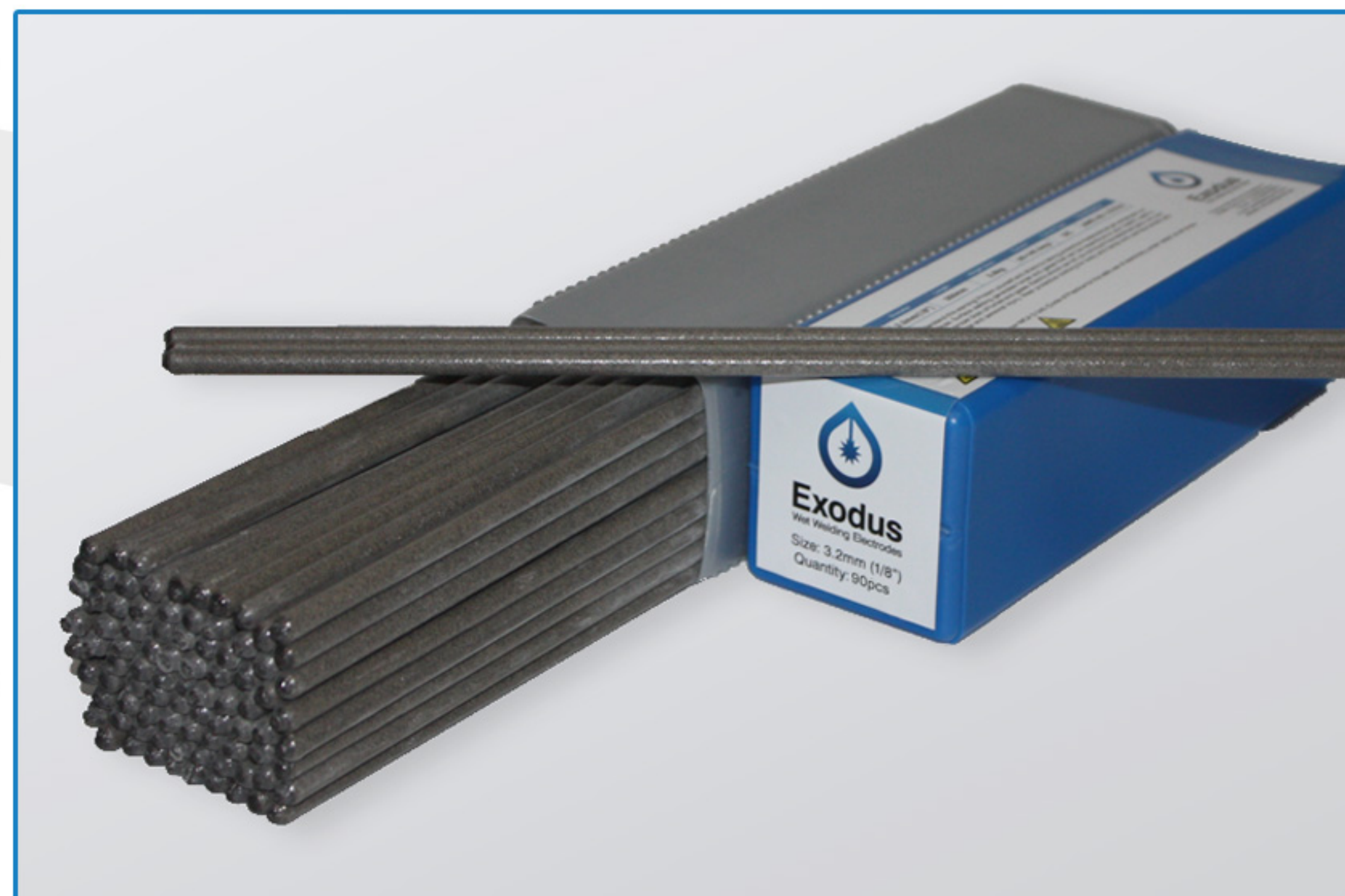
ORDER CODE	DESCRIPTION
EC3818	Exodus Oxy Thermic Cutting Electrodes, 3/8"x18", box 50pcs
EC3836	Exodus Oxy Thermic Cutting Electrodes, 3/8"x36", box 50pcs





## EXODUS WET WELDING ELECTRODES (MILD STEEL)

Premium wet welding electrode with excellent characteristics meeting requirements of the AWS D3.6-99 class A standard. The electrode comprises of a special formulated high efficiency rutile flux coating offering a continuous well-shaped bead. The bespoke construction allows for convenient use in both fresh and salt waters and offers an outstanding performance in all positions. Graphite tip for easy strike even with poor visibility. A special coating protects the rutile from absorbing water and moisture.



CHEMICAL COMPOSITION		WELDING SETTINGS				
C	0.07		3.2mm (1/8")	4.0mm (5/32")		
Mn	0.55	Amps	90-145	130-220		
Si	0.45	Current Type and Polarity	DC + or -	DC + or -		
S	0.020	Volts (OCV)	65V	65V		
P	0.025	<b>MECHANICAL PROPERTIES (WET WELD)</b>				
Ni	0.30				Tensile strength	564 N/mm <sup>2</sup>
					Charpy Impact Test (ISO-V 0°C)	34 J
<b>ORDERING INFORMATION</b>		Elongation A5	10%			
		<b>ORDER CODE</b>		<b>DESCRIPTION</b>		
		EW32		Exodus Wet Welding Electrode 3.2mm (1/8"), box 90pcs		
EW40		Exodus Wet Welding Electrode 4.0mm (5/32"), box 90pcs				

### EXODUS WELDING STINGER

Robust impact resistant stinger with insulated "Twister" head for maximal user safety. The electrode can easily be secured or loosened with a quarter turn of the head. Stinger can hold 1/8" (3.2mm) and 5/32" (4mm) electrodes. Stinger is supplied with 1.5mtr of 50mm<sup>2</sup> insulated welding cable and Male Dinse Connector.



#### ORDERING INFORMATION

ORDER CODE	DESCRIPTION
EWS250	Exodus Welding Stinger, 250Amp
EWS400	Exodus Welding Stinger, 400Amp

### EXODUS WELDING LENS ASSEMBLY

Welding lens specially designed for Kirby Morgan helmets and band masks. Fully covers the face port and therefore provides optimal eye protection. The assembly is made out of durable heat resistant POM and features an integrated flip-up frame for holding any industry standard 2"x 4-1/4" (51x108mm) welding glass. Quick and easy mounting by means of thick elastic cords with SS carabiner. The assembly is supplied with a welding glass of your choice. (available shades are #5,7,10,12)



#### ORDERING INFORMATION

ORDER CODE	DESCRIPTION
EWLA	Exodus Welding Lens Assembly
WG5	Welding Glass, Shade 5, 108x51mm (pack of 10)
WG7	Welding Glass, Shade 7, 108x51mm (pack of 10)
WG10	Welding Glass, Shade 10, 108x51mm (pack of 10)
WG12	Welding Glass, Shade 12, 108x51mm (pack of 10)







Lot:

Code	Diameter	Length	Weight (kg)	Current (Amp)	DC/AC
EW-32	3.2mm (1/8")	350mm	3.2kg	80-140 Amp	DC

Warning: read and understand this warning! Protect yourself and others by using proper respiratory, body & guidelines. Surface welding generates fumes and gases. Electric shock can cause permanent eye damage and personal injury. Wear protective clothing sufficient lens shade.

Exodus recommends divers to follow IMCA D 045 (Code)



**Exodus**  
Wet Welding Electrodes

Size: 3.2mm (1/8")  
Quantity: 90pcs



Authorized Dealer/Distributor Stamp

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