



Sea Jet®, Sea Cut®, ARCWATER®, TUFF-COTE® ELECTRODES and ARCWATER® TORCH

SEA-JET® Cutting Electrodes
Catalog No. 42-066-006 (Red)
Diameter: 3/8" (9.5 mm)
Length: 18" (458 mm)



**\$175.50
PER BOX**

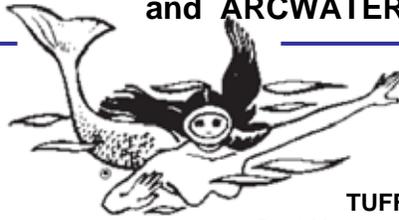
Patented underwater exothermic Sea Jet cutting electrodes will burn ferrous and melt non-ferrous materials such as concrete, rock, barnacles and other sea growth. The Sea-Jet electrode can be used like other oxygen-arc cutting electrodes. A DC constant current welding power supply on straight polarity (electrode negative), ground the workpiece and by touching the workpiece an electric arc ignites the electrode. Once ignited the electrode will continue to burn by the means of an exothermic reaction between the steel components of the electrode and the oxygen flowing through the electrode. **Remember, Sea-Jet Electrodes will burn as long as the oxygen is flowing through the electrode.** For igniting the electrode only, a 12 VDC battery may be used. This presents an added safety margin against the possibility of electrical shock.

SEA-CUT® I Cutting Electrodes
Catalog No. 42-059-007 (Blue)
Diameter: Outside 5/16" (8 mm) Bore Hole .113" (3 mm)
Length: 14" (355.6 mm)



**\$177.50
PER BOX**

Sea Cut I electrodes are a tubular steel design used for oxygen-arc cutting. These electrodes are coated with a waterproof insulating material. They are **not flux coated**.



**ELECTRODES ON THIS PAGE ARE
PACKED & PRICED 50 PER BOX**

TUFF-COTE® Cutting Electrodes
Part No. 42-059-008 (White)
Diameter: Outside 5/16" (8 mm) Bore Hole .113" (3 mm) Length: 14" (355.6 mm)



**\$201.00
PER BOX**

Tuff-Cote tubular steel oxygen-arc cutting electrodes are first coated with an arc stabilizing flux coating, then waterproofed, protecting the flux from moisture absorption and providing electrical insulation.

ARCWATER® Gouging Electrodes
Catalog No. 42-059-006 (White)
Diameter: 5/16" (7.9 mm) Length: 9" (228.6 mm)



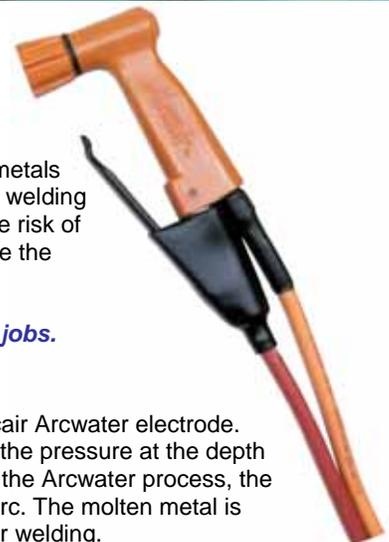
**\$101.50
PER BOX**

These copper coated carbon/graphite electrodes are especially made for the Arcwater process. Waterproofed with a white coating, Arcwater electrodes require 350 to 450 amperes for proper operation.

ARCWATER® II TORCH underwater gouging & welding

ARCWATER® II Torch
With 10' Cable
Part No. 14-050-127
\$617.00 Ea

Length: 9-3/4" (24.77 cm)
Weight: 5.5 lbs. (2.5 kg) with cable
Equipped with 10 ft. (3.05 m) heavy-duty cable.



The Arcair® Arcwater® Torch is designed to gouge or cut steel, stainless steel and other metals underwater safely, easily and efficiently. Arcwater can also be converted to an underwater welding torch by simply changing collets. The unique Arcwater torch is **oxygen free**, eliminating the risk of hydrogen gas pocket explosions. Tests conducted at Arcair and by diving contractors prove the following:

- 1) *Arcwater Torch is easy to handle by right or left-handed users.*
- 2) *Arcwater can be used on out-of-position applications as well as on easy to reach jobs.*
- 3) *Arcwater's valve/lever assembly allows the operator to easily control water flow.*
- 4) *The replaceable collet means longer torch service life than ever before.*

Arcwater uses current from a DC power source, reverse polarity (DCEP) and a special Arcair Arcwater electrode. Fresh or sea water must be delivered to the torch at 90 psi (6.32 kg/cm² or 620 kPa) over the pressure at the depth of use. A minimum water flow rate of 3.5 gallons (13.25 liters) per minute is required. With the Arcwater process, the metal is made molten by the electrode coming in contact with the work piece, forming an arc. The molten metal is then removed by the high pressure water stream, leaving a clean slag-free gouge ready for welding.