

Neptune[®] AAA

Shielded Metal Arc Welding (SMAW – Stick)

For aluminum–castings, forging, tubing and sheet.

Features

- High Strength 35,000psi
- Long Shelf Life
- Easy To Use
- Can Be Used For Brazing
- Low Spatter
- Easy To Build-Up and Join

Characteristics

Neptune AAA is a unique aluminum electrode that makes welding aluminum much easier and stronger than ever before. The durable extruded flux coating assures the user will see less spatter, more penetration and a more effective weld with minimal preparation. No need for special equipment.

Neptune AAA can be used on all weldable grades of aluminum. It is good on thick castings or thin tubing. Excellent for build-up of missing sections.

Technical

Size and Amps AC/DC ±20%

Inches	3/32	1/8	5/32
(mm)	(2.4)	(3.2)	(4.0)
Amps	60	100	140

With DC use reverse polarity (DCEP)

Application

- For best results, clean area and bevel 1/8" or heavier material.
- Maintain a very short arc or drag producing a stringer bead or weave.
- Hold electrode almost vertical.
- Preheat heavy sections and clean slag between passes.
- Use stainless steel brush for cleaning.