

# Aluminum Welding Wire

Aluminum welding wire creates stronger welds than standard welding wire for aluminum. It is for used aluminum 5050, 5052, 5083, 5454, 5456, 5457 and 5458 marine grade aluminum.

Designation : 5356

Grade : WB

Description : Gas Shield Argon 100%

Diameter : 0.8 - 1.0 - 1.2 - 1.6 mm

Welding current : DC

Welding position : All positions for butt welding except vertical downwards (PA,PF,PC,PE)

Remark : N/A.

Melting Range: 1060 ° F – 1175 ° F.

Density: 0.096 lbs/in<sup>3</sup>

Tensile Strength: 38 ksi

Usage: Used for welding 5000 series aluminum base metals, 5086 and lower strength alloys.

Post Anodizing Color: White.

Designation : 5183

Grade : WC

Description : Gas Shield Argon 100%

Diameter : 0.8 - 1.0 - 1.2 - 1.6 mm

Welding current : DC

Welding position : All positions for butt welding except vertical downwards (PA,PF,PC,PE)

Remark : N/A.

It is an ER5356, meaning that it contains magnesium as an additive.

What makes the Hobart product stand opposed to the others is that possesses high shear strength and provides huge corrosion resistance. This is very useful for boat welding as you can freely expose the welds to saltwater.

Since it is an ER5356 wire, with it you can weld 5000 series marine grade aluminum base metal. It comes in 0.030-inch or 0.035 diameter and 1 lb spool. It can actually also weld 5086 and lower strength alloys. It is most commonly used with MIG welding processes and most suitable for working on truck trailers, construction, and boat manufacturing. Furthermore, this welding wire supports various welding positions that include vertical, horizontal, flat, and overhead at a 10 to 15-degree angle.