



Alloy Sol™ - Aluminum Repair and Joining Rod

Description

All purpose brazing and soldering of aluminum fittings, castings, tubing, and coils. 600 degree flow temp allows the technician to successfully fix and fabricate all aluminum grades.

Applications

- Join and repair:
 - Filling in holes, building up worn or missing sections and joining cast to wrought parts.
 - General purpose outdoor use on repairing aluminum skids, platforms, loading docks, truck bodies, irrigation piping, fences and railings.
 - Joining thick to thin sections requiring a combination of braze-welding and brazing techniques.
- Use any heat source :
 - Oxy-acetylene torch
 - Natural gas torch
 - Propane torch
 - Mapp gas

Pairs With:

- Alloy Sol Rods

Properties

Composition	
Si (Silicon) :	5%
Fe (Iron):	.3%
Cu (Copper):	.001%
Mg (Magnesium):	.003%
Mn (Manganese):	.04%
Zn (Zinc):	.003%
Ti (Titanium):	.004%
Al (Aluminum):	94.649%

Technical Data	
Appearance:	Gray
Solidus:	580° F (305° C)
Liquidus:	1080° F (582° C)
Recommended Brazing Temperature	600-700°F (315-371°C)
Density (Lbs/in ³)	0.15
Electrical Conductivity (%IACS)	N/A
Electrical Resistivity (Microhm-cm)	N/A
Shelf Life:	Lifetime - Stored in proper area
Packaging:	Plastic Tube

Product Variants

- 18" Rods
 - SW-AS09305.K - 5 Rod Pack
 - SW-AS09315K - 15 Rod Pack
 - SW-AS09320K - 20 Rod Pack
- 8" Rods
 - SW-AS09305.5 - 5 Rod Pack