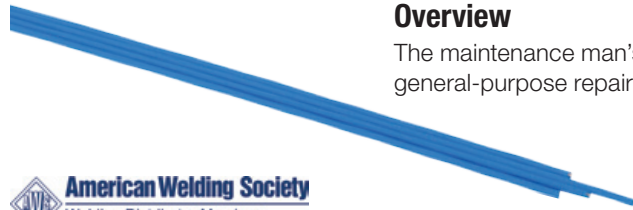


Technical Data Sheet

43F Brazing Alloy



Cronatron™
A LAWSON BRAND



Overview

The maintenance man's all-purpose silver brazing alloy specifically formulated for general-purpose repair and maintenance applications.



Features/Benefits

- High ductility allows joined metals to expand or contract without weakening the weld joint
- Excellent for all types of joints: lap, butt, fillet, tee and sleeve
- Lowest temperature bonding ability of any high-strength silver alloy; flows at 1,100°F (590°C)
- Joins any combination of metals – i.e., stainless steel, copper, brass, Monel® and most other alloys, except the white metals
- Thin flowing ability allows penetration into the tightest joints

Applications

- Instruments and electrical appliances
- Tool and die repairs
- Hot water tanks and piping
- Carbide tool tipping
- Metal furniture and light gauge metal assemblies
- Bronze and brass castings
- Valves and lab apparatus

Method of Application

Torch

Identification

Blue flux coating

Directions for Use

Materials should be smooth and free of burrs or uneven edges. A carburizing oxyacetylene flame should be used, heating a broad surface along the joint line. Keep the flame cone one inch ahead of the alloy rod and a continuous fillet will form. Clean flux residue off with water.

Technical Specifications

Tensile Strength: 88,000 PSI (607 MPa)
Application Temperature: 1,100°F (590°C)

Technical Tips

If additional flux is required, F40 is recommended.

