



Canfield Technologies, LLC

Technical Data Sheet 50% Tin/50% Lead

50% Tin/50% Lead is a general-purpose solder used in the soldering of copper and copper alloys and/or ferrous based alloys. This alloy offers satisfactory corrosion resistance properties and is generally used where temperature requirements are critical.

This solder is not for use in soldering of potable water systems. A lead-free alloy (100% Watersafe, Silverflo, FloSafe, SilverSafe and/or Superflo) is recommended.

Physical Properties:

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|--------------------------|--|
| Color: | Gray/Silver |
| Melting Range: | 361° - 421° F (solid to liquid) |
| Brinell Hardness: | 14HV |
| Shear Strength: | 5200 psi |
| Tensile Strength: | 6000 psi |

Available in solid wire, cored wire, bar and performs. Most Canfield wire/cored alloys are available in fine wire (.009) as well as standard diameters in various size spools and bars.

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