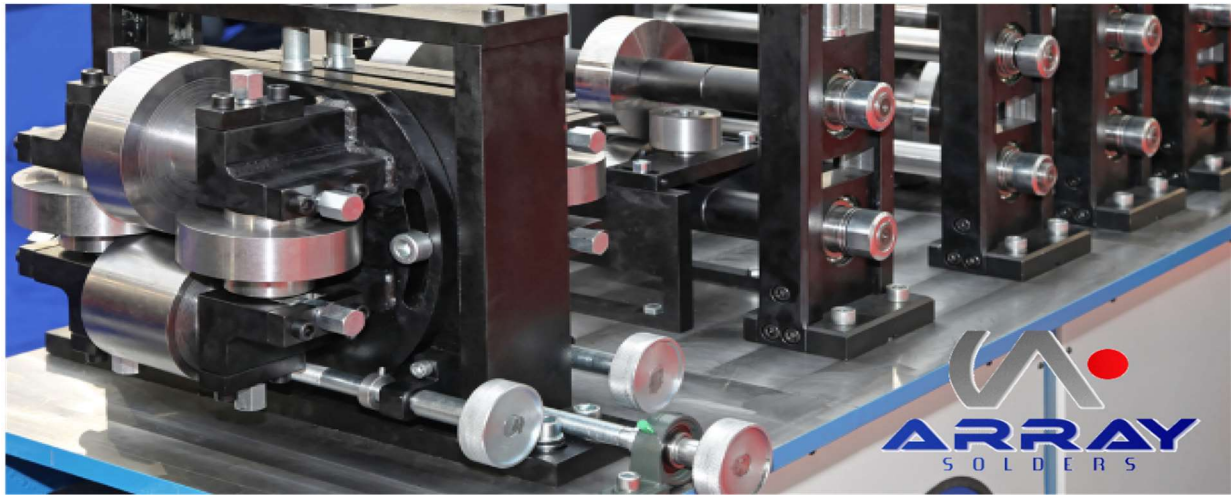




Solder Preforms | Engineered Solder Materials

Technical Data Sheet Solder Ribbon/Foil

Product: Solder Ribbon (Foil)



Overview

All Array Solders alloys are manufactured with virgin metals which meet the high standards. The purity level exceeds the industry requirements for allowable impurity levels which helps control cross levels.

Array Solders' ribbon/foils can be custom made to meet your most demanding applications. Our fabrication process and quality assurance procedures ensure that every inch of our ribbon stays within specification. Array Solders offers ribbon extruded or precisely rolled from 0.0009 thick to widths up to 26" wide on 3" ID cardboard cores. Customized packaging is available upon request. Every inch of ribbon is inspected to ensure a bright, smooth finish that is smudge free, without lubrication oil, dirt, burrs or kinking.

Applications

- Aerospace
- Cable Assemblies
- Capacitors & Resistors
- Industrial
- Medical
- Radiator/Heat Exchangers



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Capacity

- Minimum thickness .0009"
- Maximum thickness .375" (extruded)
- Thickness tolerance (rolling mill) +/- .0005" (extruded) +/- .032"
- Minimum width capability .060"
- Maximum width capability 26"
- Camber .125" (maximum) (oil can effect)
- Typical Core Sizes 3" or 6" (Customized packaging available upon request)
- Maximum roll weight 30 lbs.

Available Alloys

Alloy composition can range from pure metals (pure tin, pure lead) to alloys composed of four or more elements (tin, lead, silver, bismuth, antimony, cadmium, indium, etc.). In addition to "standard" alloys, which are commonly used electronics, we also have the ability to formulate alloys in accordance with your special requirements.

DISCLAIMER

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Array Solders extends no warranties, makes no representation and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. The data on this document relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under the direction of, technically qualified personnel who are aware of the hazards involved and necessity for reasonable care in handling. Hazard communication regulations require that employees must be trained on how to use a Data Sheet as a source for hazard information.