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Item # 50/50, Tin-Lead Combination

Used for centuries as the primary alloy for soldering, this family offers an extensive variety of options. Environmental concerns over lead have limited its use.

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Nominal Composition

Tin (Sn)	50
Lead (Pb)	50

Specifications

Melting Pt.	360 °F 182 °C
Flow Pt.	420 °F 215 °C
MBT¹	460
AWS	Sn 50
Preform Options	Bands (Sleeves) Custom Designs Discs - Coated, Cored Edgewounds Rings - Coated, Cored Washers - Coated, Cored, Linked
Resale Options	Bar (Various Sizes) Paste Strip - Flux Core Wire - Flux Core
Pricing & availability	We offer an extensive selection of stock solder products for immediate delivery. Also, through our supply network, we provide limitless solder alloy and flux combinations for resale as well as custom designed solder preforms. refer to our customer service team for further information.
Approx. Wire Length (BCuP/lb.) (BAg/Tr.oz)	3930 in @ 0.031 diameter 437 in @ 0.093 diameter 983 in @ 0.062 diameter

¹ Recommended Brazing Temperature

Physical Constants

Color	Grey
Density	0.337 lb./cu.in

Applications

Similar to 60/40 with more moderate flow characteristics.