

Bellman-Melcor LLC
 7575 West 183rd Street
 Tinley Park, Illinois 60477
Phone: 1-800-367-6024 • **Fax:** 1.888.BRAZE-IT-272.9348
Email: sales@bellmanmelcor.com • **Website:** www.bellmanmelcor.com



Item # 40/60, 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) | 40 |
| Lead (Pb) | 60 |

Specifications

| | |
|---|---|
| Melting Pt. | 360 °F 182 °C |
| Flow Pt. | 460 °F 238 °C |
| MBT¹ | 500 |
| AWS | Sn 40A |
| 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) | 3774 in @ 0.031 diameter 419 in @ 0.093 diameter 944 in @ 0.062 diameter |

¹ Recommended Brazing Temperature

Physical Constants

| | |
|----------------|-----------------|
| Color | Grey |
| Density | 0.351 lb./cu.in |

Applications

A sluggish alloy used on applications with wide gaps.