# TERNALLOY 40

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|---|---|
| **Nominal Composition [%]** | Ag 40; Cu 30; Zn 28; Sn 2 |
| **Impurity max. %** | Al 0,001; Bi 0,030; P 0,008; Pb 0,025; Cd 0,01 |
| **Total of all impurities [%]** | 0,15 |

## International Specification

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|---|---|---|---|
| **EN ISO 17672:2016** | Ag 140 | ***DIN 8513*** | *(L-Ag40Sn)* |
| **AWS A5.8-92** | BAg-28 | ***(EN 1044:1999)*** | *(AG 105)* |
| **ISO 3677:1992** | B-Ag40CuZnSn-650/710 | | |

## SaldFlux Specification (SF)

| | |
|---|---|
| **SF** | - |

## Technical Data

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|---|---|
| **Melting Point** | c.a. 650 - 710 °C |
| **Working Temperature** | c.a. 670° C |
| **Density** | c.a. 9,1 gr/cm3 |
| | 430 Mpa |
| **Elongation** | 25% |
| **Electrycal Conductivity** | |

## Available Forms

Wire: from Ø 0,5 mm to Ø 5,0 mm.
Bare Rods: from Ø 0,7 mm to Ø 3,0 mm.
Strip/Foils: from 0,1 mm to Ø 0.4 mm (Thickness) - from 2 to 40 mm (width).
Preforms: upon request according to customer specification.

## Applications

TERNALLOY 40 is a low melting silver brazing alloy with very good flow characteristics. It is used for joining copper and copper alloys, nickel and nickel alloys, almost any steels. It can be used for flame or induction brazing procedures. Typical applications are in automotive and in the electric industry.

## Base Metals

Any steel, copper and copper alloys, nickel and nickel alloys