

**Standard**

ISO 17672  
(DIN EN 1044) Ag 134  
(AG 106)

**Nominal composition [wt.-%]**

Permitted impurities max. [wt.-%] Ag 34; Cu 36; Zn 27.5; Sn 2.5  
Max. impurities [wt.-%] Al 0.001; Bi 0.030; Cd 0.010; P 0.008; Pb 0.025; Si 0.05  
0.15

**Technical data**

Melting range acc. ISO 17672 approx. 630 - 730 °C  
Melting range acc. Measurement approx. 655 - 745 °C (DSC-measurement)  
Brazing temperature min. 745 °C  
Density approx. 8.9 g/cm<sup>3</sup>  
Tensile strength acc. DIN EN 12797 with S235: 360 MPa; with E295: 480 MPa  
Elongation at rupture approx. 11 %  
Electrical Conductivity approx. 14.0 m/ Ωmm<sup>2</sup>  
Operating temp. of brazed joint approx. -200 °C to +200 °C (without loss in strength)

**Standard delivery forms\***

Wire: 1.0 - 1.5 - 2.0 mm Ø  
Rods: 1.0 - 1.5 - 2.0 mm Ø, 500 mm length  
Ribbon: 0.1/ 0.2/ 0.3/ 0.4 mm thickness and 70 mm width  
Preforms: rings, shaped parts, sections, stamped and shaped parts,  
shims, discs, perforated plates

\*Other delivery forms upon request

**Applications**

BrazeTec 3476 is a low melting silver based brazing alloy with excellent flow characteristics. It can be used for brazing any steels, copper and copper based alloys as well as for nickel and nickel based alloys. It can be used for flame or induction brazing procedures.

BrazeTec 3476 meets the requirements of the working sheet "GW2" and "GW 7" of DVGW (German association of Gas and Water).

BrazeTec 3476 is approved and registered by DVGW (DV-0105CM0045) and has been awarded by the Gütegemeinschaft Kupferrohr e.V. (The copper tube Manufacturers Quality Association).

Typical applications are found e.g. in the plumbing trade, in the refrigeration and air conditioning industry, automotive and in the electric industry.

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