



# Technical Data Sheet

## BrazeTec 3464



### TD BT 0203 E.01

**Cadmium - containing brazing alloy.** Please note the recommendations in our Material Safety Data Sheet.

#### Standard

BrazeTec Standard (L-Ag34Cd acc. DIN 8513)  
B-Ag34ZnCuCd 610/680 acc. ISO 3677

**Nominal composition in wt.-%** Ag 34; Cu 22; Zn 24; Cd 20  
Permitted impurities (weight-%):  
Al 0,001; Bi 0,030; P 0,008; Pb 0,025; Si 0,05; Total impurities 0,15

#### Technical data

Melting range	app. 610 - 680 °C
Working temperature	app. 640 °C
Density	app. 9,1 g/cm <sup>3</sup>
Tensile strength acc. DIN 8525	with St 37: 400 MPa; with St 50: 480 MPa
Elongation	app. 25%
Electrical Conductivity	app. 15,0 m/ Ωmm <sup>2</sup>
Operating temperature of brazed joint	max. 150 °C (without loss in strength)

#### Standard delivery form\*

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, lamina, discs, perforated plates

\*Other delivery forms on request

#### Application

BrazeTec 3464 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 brazing with flame or induction brazing procedures.

Typical applications are found e.g. in automotive and in the electric and tool industry.

The information and statements contained herein are provided free of charge. They are believed to be accurate at the time of publication, but BrazeTec makes no warranty with respect thereto, including but not limited to any result to be obtained or the infringement of any proprietary rights. Use or application of such information or statements is at user's sole discretion, without any liability on the part of BrazeTec. Nothing herein shall be construed as a license of or recommendation for use which infringes upon any proprietary rights. All sales are subject to BrazeTec's General Conditions of Sale and Delivery.