



## Technical Data Sheet BrazeTec 3



TD BT **0801** E.01

### Inhalt Standard

S-Sn97Cu3 acc. DIN EN 29453 (L-SnCu3 acc. DIN 1707)  
S-Sn97Cu3 acc. ISO 3677

### Nominal composition in wt.-% Sn remainder; Cu 3

Permitted impurities (weight-%):

Pb 0,1; Sb 0,05; Bi 0,1; Cd 0,002; In 0,05; Ag 0,05; Al 0,001; As 0,03; Fe 0,02; Zn 0,001; Total impurities 0,2

### Technical data

Melting range	app. 230 - 250 °C (DIN EN 29453)
Density	app. 7,3 g/cm <sup>3</sup>
Shear strength	Cu 30 MPa; Ms 20 MPa; St 37 25 MPa
Electrical Conductivity	app. 7,5 m/Ωmm <sup>2</sup>

### Standard delivery form

Wire: 2,0 + 3,0 mm dia., 250 g spools

### Application

BrazeTec 3 is a soft solder free of Antimony and Lead for joining copper tubes for cold and hot water. It meets the requirements of DVGW and has got the test sign of the Gütegemeinschaft Kupferrohr e.V. (The Coppertube Manufacturers Quality Association)

Suitable parent metals to be joined are copper, brass and red brass.

It can be used for soldering with a flame, with resistance heating and with soldering iron.

Typical applications are found e.g. in the plumping industry.

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