**Brazing alloy BrazeTec 503**

**TECHNICAL DATASHEET**

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<th>Composition (% in weight)</th>
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<td>Ag</td>
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**Technical data:**

- **Melting range (°C)**: 820-870
- **Working temperature (°C)**: 860
- **Melting range according to DSC measurement (°C)**: -
- **Min. brazing temperature (°C)**: -
- **Electrical conductivity (m/Ω mm²)**: -
- **Elongation %**: -
- **Density (g/cm³)**: 8,3
- **Shear strength (MPa)**: -
- **Tensile strength DIN EN 12797 (MPa)**: with S 235:350; with E 295:400
- **Operating temperature of brazed joint (min/max) ± (°C)**: -

**Applications**
Refrigeration, air conditioning and electrical industry, plumbing technology

**Operating conditions**
Silver based brazing alloy with excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, copper and copper alloys, as well as nickel and nickel alloys.

**Recommended fluxes**
N1/T, Super 1, N2/E, H paste, H sprayable, RS/A, FN/E, D 98, H 280

**Heat sources**
Induction heating, flame, furnace in vacuum and under protective atmosphere

**Delivery forms**
Wire, rods, ribbon, rings, preforms, powder

**Notes**
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