

## Zirconium Alloy Z-61Zr-Active

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### Description

**Aufhauser Zirconium Alloy Z-61Zr-Active** provides good wetting on titanium, titanium alloys, refractory metals, ceramics, graphite, etc. and super alloys. It is used in a high vacuum or dry argon atmosphere. Due to its high zirconium and titanium content this alloy exhibits good corrosion resistance.

### Chemical Composition

Element	wt. %
Zr	Reminder
Ti	10 - 11
Ni	19 - 21
Nb	6 - 8
Hf	1 - 2

### Physical Properties

<b>Liquidus temperature</b>	820°C (1508°F)
<b>Solidus temperature</b>	791°C (1456°F)
<b>Brazing temperature range</b>	840 - 900°C (1545 - 1650°F)

### Available forms

Foil