

Aluminum

melt point: 1220°F / 660°C

Beryllium

melt point: 2332°F / 1277°C

Chromel

melt point: 2550°F / 1399°C

Cobalt

melt point: 2723°F / 1495°C

Columbium

melt point: 4474°F / 2468°C

Copper

melt point: 1981°F / 1083°C

Gold

melt point: 1945°F / 1063°C

Inconel

melt point: 2570°F / 1410°C

Iridium

melt point: 4449°F / 2454°C

Kovar

melt point: 2642°F / 1450°C

Magnesium

melt point: 1202°F / 650°C

Molybdenum

melt point: 4730°F / 2610°C

Monel

melt point: 2415°F / 1325°C

Nichrome

melt point: 2462°F / 1350°C

Nickel

melt point: 2647°F / 1453°C

Silver

melt point: 1761°F / 961°C

Platinum

melt point: 3217°F / 1769°C

Rhenium

melt point: 5755°F / 3180°C

304 Stainless Steel

melt point: 2600°F / 1427°C

Mild Steel

melt point: 2650°F / 1454°C

High Carbon Steel

melt point: 2650°F / 1454°C

Tantalum

melt point: 5425°F / 2996°C

Titanium

melt point: 3035°F / 1668°C

Tungsten

melt point: 6170°F / 3410°C

Uranium

melt point: 2070°F / 1132°C

Vanadium

melt point: 3450°F / 1900°C

Zirconium

melt point: 3366°F / 1852°C

Information is for reference only. Results may vary, depending on joint design, tooling, equipment and welding techniques. Actual testing is recommended.

For More Information

Visit

<https://ebindustries.com/weldable-materials/>

for more detailed information on materials, weldability, and recommended processes

Call us at

1-888-324-6607

To speak to an engineer and get comprehensive answers to your questions .

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