

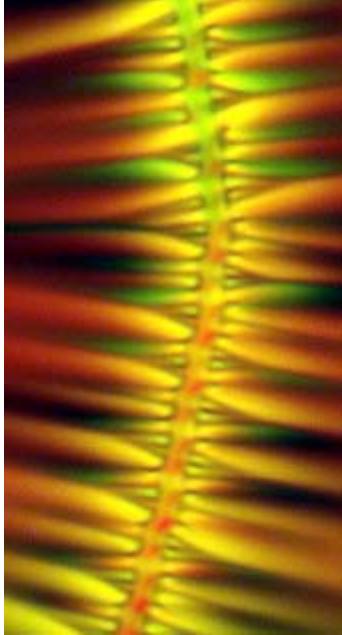
List of Solderable Materials and Substrates

Ultrasonic Soldering Technology together with the active solder alloy Cerasolzer enables to soft soldering on 'hard-to-solder' and exotic substrates and metal oxides, flux free!

Glass - Ceramic - Metallic Glasses - Precious Stones



- | | |
|---|---|
| Alumina | Magnetic material |
| Beryllium | Mica |
| Bicore | Mullite |
| Borosilicate glass | Pyrex |
| Ceramics (Macor, Shapal-M, Zirconiumoxide
Ceramic, Bariumtitanatceramic) | Optical glasses, lenses,
Fiberoptics |
| Ceran | Quartz glass |
| Conductive enamelling paste | Sapphire |
| Cordelite DC-65 | Silica, Silica glass |
| Crystal, crystallised glass | Soda lime glass |
| Dielectric material | Solar cells (metallised glass) |
| Enamel | Super hard material |
| Electro conductive coating glass | Titanium |
| Forsterite | Thermal conductive material |
| Lead glass | Zircon |
| Magnesia | |



Metals - Metal Oxides

Aluminum (Al), Aluminum alloy

Beryllium (Be)

Chromium (Cr)

Copper (Cu), Copper alloy

Enamelled metals

Germanium (Ge)

Gold (Au)

Lead (Pb)

Magnesium (Mg)

Magnetic metals

Metal oxide (Magnesium oxide, Aluminum oxide, Titan oxide)

Molybdenum (Mo)

Nickel (Ni) Nickel alloy

Niobium (Nb) Superconductors

Ruthenium (Ru)

Silicon (Si)

Silver (Au)

Semi conductive materials

Stainless steel

Tantalum (Ta)

Tin (Sn)

Titanium (Ti), Titanium alloys

Tungsten (W), Wolfram

Zinc (Zn)

Zirconium (Zr)