

## Precious Metal Solder List

| <b>Product Name</b>        | <b>Solidus<br/>(°C)</b> | <b>Liquidus<br/>(°C)</b> | <b>Soldering<br/>Temperature(°C)</b> | <b>Notes</b>                                    | <b>Product<br/>Code</b> |
|----------------------------|-------------------------|--------------------------|--------------------------------------|---|-------------------------|
| <b>P-Solder(A)</b>         | <b>1050</b>             | <b>1100</b>              | <b>1,100~1,200</b>                   | <b>For 1st step soldering of Pt alloy</b>       | <b>5101</b>             |
| <b>P-Solder(B)</b>         | <b>805</b>              | <b>820</b>               | <b>820~920</b>                       | <b>For final soldering of Pt alloy</b>          | <b>5102</b>             |
| <b>P-Solder(C)</b>         | <b>795</b>              | <b>820</b>               | <b>820~920</b>                       | <b>For final soldering of Pt alloy</b>          | <b>5103</b>             |
| <b>P-Solder(D)</b>         | <b>970</b>              | <b>1020</b>              | <b>1,100~1,200</b>                   | <b>For final soldering of Pt alloy</b>          | <b>5104</b>             |
| <b>P-Solder(Special)</b>   | <b>800</b>              | <b>850</b>               | <b>850~950</b>                       | <b>For final step soldering of Pt alloy</b>     | <b>5108</b>             |
| <b>P-Solder(M)</b>         | <b>1050</b>             | <b>1090</b>              | <b>1,090~1,190</b>                   | <b>For 1st step soldering of Pt alloy</b>       | <b>5114</b>             |
| <b>K18-Solder</b>          | <b>750</b>              | <b>820</b>               | <b>820~870</b>                       | <b>For soldering of high karat gold alloy</b>   | <b>5001</b>             |
| <b>K18-Solder(M)</b>       | <b>805</b>              | <b>820</b>               | <b>820~870</b>                       | <b>For soldering of high karat gold alloy</b>   | <b>5061</b>             |
| <b>K16-Solder</b>          | <b>700</b>              | <b>760</b>               | <b>760~810</b>                       | <b>For soldering of high karat gold alloy</b>   | <b>5007</b>             |
| <b>K14-Solder</b>          | <b>670</b>              | <b>720</b>               | <b>720~770</b>                       | <b>For soldering of all-round gold alloy</b>    | <b>5013</b>             |
| <b>K12-Solder</b>          | <b>620</b>              | <b>700</b>               | <b>700~750</b>                       | <b>Suitable for finishing and repairing</b>     | <b>5018</b>             |
| <b>K10-Solder</b>          | <b>615</b>              | <b>670</b>               | <b>670~730</b>                       | <b>Suitable for finishing and repairing</b>     | <b>5024</b>             |
| <b>K10-Solder(M)</b>       | <b>670</b>              | <b>710</b>               | <b>710~760</b>                       | <b>Suitable for finishing and repairing</b>     | <b>536</b>              |
| <b>K9-Solder</b>           | <b>620</b>              | <b>660</b>               | <b>660~710</b>                       | <b>For soldering of all-round gold alloy</b>    | <b>5030</b>             |
| <b>K8-Solder(M)</b>        | <b>695</b>              | <b>710</b>               | <b>710~760</b>                       | <b>Suitable for finishing and repairing</b>     | <b>5041</b>             |
| <b>Silver Solder 10/12</b> | <b>730</b>              | <b>820</b>               | <b>820~920</b>                       | <b>Used for silverwork, with high ductility</b> | <b>5201</b>             |
| <b>Silver Solder 10/13</b> | <b>720</b>              | <b>780</b>               | <b>780~950</b>                       | <b>Used for silverwork, with high ductility</b> | <b>5202</b>             |
| <b>Silver Solder 10/15</b> | <b>695</b>              | <b>740</b>               | <b>740~840</b>                       | <b>Used for silverwork, with high ductility</b> | <b>5203</b>             |
| <b>Silver Solder 10/17</b> | <b>690</b>              | <b>730</b>               | <b>730~830</b>                       | <b>For soldering of all-round silver alloy</b>  | <b>5204</b>             |
| <b>Silver Solder 10/19</b> | <b>690</b>              | <b>760</b>               | <b>760~860</b>                       | <b>For soldering of all-round silver alloy</b>  | <b>5205</b>             |