

| METAL | COLOUR | DESIGNATION | MELTING TEMP. | COMPOSITION | APPLICATIONS / CHARACTERISTICS |
|-------------|--------|-------------|---------------|-------------|-----------------------------------|
| | | | | Au ‰ | |
| GOLD 24ct | yellow | AU 99.99 | 1063°C | 999.9 | Powder metallurgy |
| GOLD 22ct | yellow | CF 22KYES | 810°C | 916 | 22 and 24ct gold |
| GOLD 21ct | yellow | CF 21KYS | 770°C | 875 | 21ct yellow |
| | rose | CF 21KPS | 780°C | 875 | 21ct rose |
| GOLD 20ct | yellow | CF 20KYH | 860°C | 833 | 20ct yellow |
| Au82Ni18 | white | CF 825 | 950°C | 820 | Aerospace, vacuum brazing |
| GOLD 19.2ct | yellow | CF 800YS | 750°C | 800 | 19.2ct yellow, free flowing |
| | yellow | CF 800YES | 650°C | 800 | 19.2ct yellow, free flowing |
| | white | CF 800 | 280°C | 800 | Very low temperature gold brazing |
| | rose | CF 800PS | 760°C | 800 | 19.2ct rose, free flowing |
| GOLD 19ct | yellow | CF 19KYS | 780°C | 792 | 19ct yellow |
| | yellow | CF 19KYES | 760°C | 792 | 19ct yellow |
| | white | CF 19KWS | 850°C | 792 | 19ct white, nickel free |
| | white | CF 19KWES | 790°C | 792 | 19ct white |
| | rose | CF 19KPS | 780°C | 792 | 19ct rose |
| GOLD 18ct | yellow | CF 18KYH | 840°C | 750 | Very high temperature brazing |
| | yellow | CF 18KYM | 800°C | 750 | Free flowing |
| | yellow | CF 18KYS | 763°C | 750 | Free flowing |
| | yellow | CF 18KYS | 735°C | 750 | Free flowing |
| | yellow | CF 18K3NX2 | 720°C | 750 | Very free flowing |
| | yellow | CF 18KYES6 | 670°C | 750 | Restricted flow |
| | yellow | CF 18KYES2 | 630°C | 750 | Low temperature, repair brazing |
| | white | CF 18KWH2 | 870°C | 750 | Very free flowing, nickel free |
| | white | CF 18KWH | 855°C | 750 | Free flowing |
| | white | CF 18KWM | 820°C | 750 | Free flowing |
| | white | CF 18KWS | 770°C | 750 | Free flowing |
| | rose | CF 18KPH | 820°C | 750 | High temperature brazing |

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|-----------|-------------|------------|-------|-----|---|
| GOLD 14ct | rose | CF 18KPM | 770°C | 750 | Restricted flow |
| | rose | CF 18KPS | 710°C | 750 | Free flowing |
| | red | CF 18KRM2 | 790°C | 750 | Free flowing |
| | yellow | CF 14KYH | 785°C | 585 | High temperature bra zing |
| | yellow | CF 14KYM | 760°C | 585 | Free flowing |
| | yellow | CF 14KYS | 720°C | 585 | Free flowing |
| | yellow | CF 14KYES3 | 680°C | 585 | Free flowing |
| | yellow | CF 14KYES | 630°C | 585 | Free flowing |
| | yellow | CF 14KYES4 | 610°C | 585 | Free flowing |
| | pale yellow | CF 14KXS | 490°C | 585 | Free flowing, very low m elting |
| | white | CF 14KWH2 | 810°C | 585 | Free flowing, nickel free |
| | white | CF 14KWM | 770°C | 585 | Free flowing |
| | white | CF 14KWS | 735°C | 585 | Free flowing |
| | rose | 14KPS | 740°C | 585 | Free flowing |
| GOLD 12ct | red | 14KRM | 760°C | 585 | Free flowing |
| | yellow | CF 12KYS | 755°C | 500 | Free flowing |
| GOLD 10ct | yellow | CF 12KYES | 715°C | 500 | Free flowing |
| | yellow | CF 10KYM | 750°C | 416 | Free flowing |
| GOLD 9ct | yellow | CF 10KYS | 690°C | 416 | Free flowing |
| | white | CF 10KWS | 735°C | 416 | Brazing of gold to stainless s teel |
| | white | CF 10KWES | 630°C | 416 | Brazing of gold to stainless steel, nickel free |
| | rose | 10KPS | 690°C | 416 | Free flowing |
| | yellow | CF 9KYH | 742°C | 375 | High temperature brazi ng |
| | yellow | CF 9KYM | 720°C | 375 | Free flowing |
| | yellow | CF 9KYS | 700°C | 375 | Free flowing |
| | yellow | CF 9KYES2 | 680°C | 375 | Free flowing |
| GOLD 8ct | pale yellow | CF 9KXS | 480°C | 375 | Free flowing, very low me lting |
| | white | CF 9KWES | 650°C | 375 | Free flowing, nickel free |
| | rose | 9KPS2 | 700°C | 375 | Free flowing |
| | yellow | CF 8KYS | 695°C | 333 | Free flowing |

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|----------|-------------|---------|-------|-----|--------------|
| GOLD 6ct | pale yellow | CF 6KYS | 690°C | 250 | Free flowing |
| GOLD 4ct | pale yellow | CF 4KYS | 680°C | 167 | Free flowing |

PLATINUM

| | | | | Au ‰ | |
|-------|--------|--------|-----|-------------------------------|--|
| white | CF PDA | 1000°C | 0 | Very free flowing, economical | |
| white | CF PTM | 920°C | 375 | Free flowing | |
| white | CF PTS | 880°C | 160 | Free flowing | |

SILVER

| white | AG 999 | 960°C | Ag | Powder metallurgy | |
|--------|----------|-------|-------------|---|--|
| white | CF 925 | 900°C | Ag-Cu | Powder metallurgy | |
| white | CF 75 | 770°C | Ag-Cu-Zn | Silver 925, high temperature brazing | |
| white | CF 72 | 775°C | Ag-Cu | Vacuum brazing, vacuum components | |
| white | CF 72 Ti | 900°C | Ag-Cu-Ti | Titanium | |
| white | CF 70 | 730°C | Ag-Cu-Zn | Silver 925 | |
| white | CF 67 | 680°C | Ag-Cu-Zn | Silver 925 | |
| white | CF 65 | 690°C | Ag-Cu-Zn | Silver 925 | |
| white | CF 60-1 | 720°C | Ag-Cu-Sn | Silver 800, food industry | |
| rose | CF 56-2 | 895°C | Ag-Cu-Ni | Furnace brazing of stainless steel | |
| white | CF 56 | 650°C | Ag-Cu-Zn-Sn | Multipurpose brazing alloy, silver 800, very free flowing | |
| white | CF 54 | 630°C | Ag-Cu-Zn-Sn | Multipurpose brazing alloy, very free flowing | |
| white | CF 50-2 | 680°C | Ag-Cu-Zn-Ni | High strength, steel-tungsten carbide | |
| white | CF 45 | 620°C | Ag-Cu-Zn-Sn | Low temperature brazing | |
| white | CF 42 | 570°C | Ag-Cu-Sn | Very low temperature brazing | |
| white | CF 40 | 620°C | Ag-Cu-Zn-Sn | Low temperature brazing | |
| bronze | CF 20 | 810°C | Ag-Cu-Zn-Si | Copper alloys, steel | |
| brass | CF 5 | 870°C | Ag-Cu-Zn | Steel | |

PALLADIUM

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|-------|----------|-------|----------|---------------------------------|
| white | CF PD | 900°C | Pd-Ag-Cu | Stainless steel |
| white | CF PDXT | 950°C | Pd-Ag-Cu | Stainless steel, watch industry |
| white | CF PDXT2 | 970°C | Pd-Ag-Cu | Stainless steel, watch industry |

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|--------|-------|----------|--------|---------------|--|
| | white | CF PD 14 | 920°C | Au-Pd-Ag-Cu | Stainless steel, watch industry |
| | white | CF PDAG | 880°C | Pd-Ag-Ga | Titanium |
| COPPER | red | CF Cu | 1083°C | Cu | Steel |
| | red | CF CuMn3 | 1030°C | Cu-Mn-Ni | Steel-tungsten carbide |
| | red | CF CuMnT | 1000°C | Cu-Mn-Ni | Steel-tungsten carbide |
| | white | CF 6-1 | 705°C | Ag-Cu-P | Copper and nickel alloys, ey eglass industry |
| | white | CF 0-6 | 700°C | Cu-P-Sn | Copper and nickel alloys, ey eglass industry |
| NICKEL | white | CF 16H | 890°C | Ni-Cr-P | Stainless steel, high nickel alloys - |
| | white | CF 18H | 1000°C | Ni-Cr-Si-Fe-B | - excellent corrosion resistance - |
| | white | CF 5H | 950°C | Ni-Cr-P | - very hard and brittle, free flowing |
| TIN | white | CF 96-40 | 221°C | Sn-Ag | Soft solder |
| | white | CF 97-30 | 300°C | Sn-Cu | Soft solder |