



Precious Metals West / Fine Gold

608 South Hill St. #407, L.A. California 90014
 Phone (213) 689-4872 Fax (213) 689-1654 TOLL FREE (800)999-PLAT
 WWW.PMWest.us or email Daniel@PreciousMetalsWest.com

White Alloys

Alloy #	Best Kt	Best Use	Color	Notes for your consideration
#00-14	10-14	Casting/Fabrication	White	Nickel and Palladium free! Special handling needed
#00-18	18	Casting/Fabrication	White	Nickel and Palladium free! Special handling needed
#100C.W.	10-18	Casting	White	Very popular induction or torch casting alloy.
#100ND	10-18	Fabrication/Stamping	White	Ditto, but for stamping and forming processes.
Ultimate White	10-18	Casting	White	Our highest nickel white alloy.
#3	10-18	Casting	White	Our oldest tried and true white for casting.
#40	10-18	Casting	White	High color, hard gold. Setters cringe!
#41	10-18	Casting	White	Less white than #40 but much more workable.
#43	10-18	Fabrication/Stamping	White	Medium white, very workable.
#Kristina White	10-18	Casting	White	New favorite with silver for casting 10-14k.
Low Palladium	10-14	Fabrication/Stamping	White	Fair white nickel free pd alloy.
Med Palladium	10-14	Casting or fabrication	White	Our latest.
High Palladium	14-18	Fabrication/Stamping	White	50% Pd for great color, sometimes worth the expense.

White Gold Notes

What is white really? Some unethical jewelers have plated yellow gold with rhodium and called it white. Customers complain, and the trade now is moving to enforce good color standards.. As a result a proposed standard has been set with three levels of white gold color. Those are "Grade1" white which would not require rhodium plating, "Grade2" white with plating as an option and "Grade3" which will require rhodium plating. Each of these apply to each karat.

In 14kt or 10kt white, the color can be very good; some do not bother using rhodium at all. The trick is to make gold that is malleable enough to set and size easily, yet still be very white. Because we are using so much alloy (as much as 58%+, the majority of the mix in 10kt!) it really makes sense to use exactly the right alloy and no other. I sometimes see white gold jewelry sold at a higher price than yellow. White gold is more difficult, and therefore more costly than yellow.

In 18kt, we sometimes see palladium based white alloys that do not contain nickel. It takes more palladium than nickel to achieve a given whiteness. Palladium makes a very malleable 18k white. They do also typically contain lots of silver, up to 80% excluding the gold of course. If one is going to bead set in 18k white, palladium white is the way to go, despite the expense. Palladium alloys cost from about \$80.00 up to \$190.00 per ounce (plus the gold!) and nickel alloys run about \$1.00 to maybe \$6.00 per Toz. A huge difference at least while palladium stays expensive. European nations have restricted nickel content and emission in jewelry items.... Sending good jewelers scrambling for an affordable alternative. Time will tell if they can learn to use our manganese based #00 nickel/palladium free alloy instead.

Color Chart	10kt	14kt	18kt
#00	Grade2	Grade3	Grade3
#3	Grade1	Grade1	Grade2
#100c.w.	Grade1	Grade2	Grade2
Kristina White	Grade1	Grade2	N/A
#40	Grade1	Grade2	Grade3
#41	Grade1	Grade2	Grade3
#43	Grade2	Grade2	Grade3
Low Palladium	N/A	Offwhite	N/A
Medium Palladium	Grade1	Grade2	Grade2
High Palladium	N/A	Grade1	Grade2
Ultimate	Grade1	Grade1	Grade2

Special Alloys

#80E	Enameling	Dark Yellow	Zinc free for enameling, Yasui machines or ?
#Ag Spring	Fabricating/Stamping	Silver	Spring Silver (Lower content than sterling!)
NUSPG	Fabricating only	Light Yellow	Spring Yellow Gold
Deox Sterling	Casting/Fabricating	Silver	Tarnish resistant Sterling
Sterling	Casting/Fabricating	Silver	Traditional Sterling
Solder Alloys	Roll out as solder	Varies	Alloys to make gold solders



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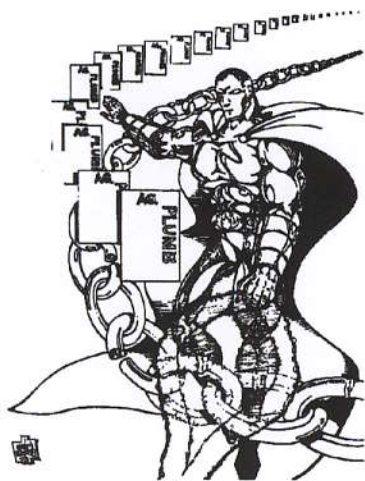
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Extreme Low Flow Temperature Plumb Gold Solders

**Our Lowest Flow Temperature Available
In Plumb Karat Solders!**

10KY EE
14KY EE
14KW EE
14K ROSE EE
18KY EE



Pricing Information

We elected to go with a very simple pricing structure that reflects the gold cost and then adds the "labor" factor. For example today...

For small orders that reflect a "No minimum quantity" situation, assume a gold market of \$321.50 Our 10K plumb solders would then be \$12.33 per dwt., 14k would be \$15.77 per dwt and 18k comes in at \$21.22 per dwt. Higher volume customer do get discounts, and C.O.D. customers will receive a 10% discount from the price above.

Our newest, patent pending solders have been released for sale. After the very successful Plumb Platinum Solders, then the 14ky Extreme Easy formula went so well, we began to develop the other colors and karats. Once again, initial tests are very positive. We proudly announce the general release of our complete line of Extreme Easy Plumb Solder materials.

These solders will allow jewelers all over the world to use truly plumb grade solders on very delicate repairs and small piece assembly work. As always with products from PMWest, these solders are cadmium free, and contain little to no toxic materials. While all solders present some fume risk, and we do suggest you use good ventilation for all solder work, these solders present far less risk than cadmium based solders.

Distributor/reseller inquiries are encouraged. We will help you use or sell this great new line of solders. As always, full tech support is included with the solders. Call Daniel at the 800 number for any answers you may need.

Free Sample-Just Call

