

MOWREY'S CLASP WIRES

Mowrey Clasp Wire and Description	Au	Pt	Pd	Fusion Temp.	Heat Treatment	Elongation %	Yield Strength	Tensile Strength	Recommended Solders
12% Clasp* 12% Platinum Gold Wire of Maximum Strength and Resiliency	63	7	5	1840F	Soft Hard	16 4	81,000 152,000	114,000 152,000	810-1600F
NO. 1 WIRE 6% Platinum Gold Wire, Ductile and strong- Compatible Gold Color.	62	2	4	1740F	Soft Hard	22 6	56,000 101,000	95,000 148,000	730-1530F
NO. 2 WIRE Gold Wire, Quality, Econom Serviceability.	55.5		7	1750F	Soft Hard	36 5	68,000 93,000	96,5000 147,000	650-1475F 615-1460F 570-1440F
MULTI-ORTHO WIRE 29.5% Gold,20% Pt/Pd Strong, forms easily for equipoise use	29.5	5	15	1710F	Soft Hard	18 3	63000 110600	92400 130400	GOLD WIPLA 1530F
NO. 47 WIRE 24% Palladium Gold-Low C Strong, Forms and solders easily.	16		24	1760F	Soft Hard	17 8	69,000 104,000	101,000 160,000	GOLD WIPLA 1530F
80-20 STAINLESS 80% Nickel-20% Chromium- Stainless, strong, tarnish resistant. Minimum Cost.				2550F	Soft Hard	10	98,000	150,000	19K WHITE 1720F

*These Products appear on the American Dental Association list of Certified Metals.

SPECIAL SOLDERS

SOLDER	FLOW POINT °F
GOLD WIPLA for Gold and Stainless	1530F
35 WIPLA for 10K & Optical	1375F
19K WHITE for Stainless	1720F
PRE 1950 Porc. Solder	1950F
PRE 1990 Porc. Solder	1990F
PRE 2000 Porc. Solder	2000F
PRE 2010 Porc. Solder	2010F
PRE 2020 Porc. Solder	2020F

*Solders available in heavy or thin strips, 1/16" or 1/8" wide.

FINE SOLDERS

SOLDER	FLOW POINT °F
810 for 22K	1600 F
730 for 20K	1530F
650 for 18K	1475F
615 for 18K	1460F
585 for 18K	1450F
570 for 16K	1440F
450 for 14K	1405F

Most fine solders also available in spool form.

DEFINITION OF PHYSICAL PROPERTIES

MELTING RANGE

The temperature between which an alloy melts.

FLOW POINT

The temperature at which the solder flows.

HARDNESS

Resistance to indentation.

ELONGATION

The permanent extension of the alloy near the fracture in a tensile test.

YIELD STRENGTH

Measured in pounds per square inch, is the alloy's resistance to deformation.

ULTIMATE TENSILE STRENGTH

The maximum strength of the alloy when tested in tension.

DENSITY

Mass per unit volume, grams per cc.

COMPLETE REFINING SERVICE

Your scrap, grindings, filings, polishings, sweeps, amalgam etc. are carefully processed by scientific metallurgical technique to recover all precious metals.

Each stage of the scrap process is checked and rechecked independently by skilled technicians. The utmost in care and attention is maintained at all times.

Top market price for precious metal content according to MOWREY'S MINT ASSAY assures maximum returns.

Small lots accurately weighed and graded. Prompt, precise returns on all individual patient valuations.

Satisfaction GUARANTEED or shipment returned at no cost.

Reminder: Mowrey also provides mail-in and over-the-counter service daily.

Call today for the latest price quotes!



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Manufacturers and Refiners
GOLD - SILVER - PLATINUM - PALLADIUM

