

LAB[®] NU-MET

INSTRUCTIONS

NU-MET is a repair material for precious ceramic alloy castings when minor miscasts occur. NU-MET can be used to close surface pits, porosity, add to contact areas, and repair small holes in copings quickly and easily without recasting. Repairs with NU-MET result in a finished metal with bonding characteristics similar to that of a ceramic alloy. NU-Met is available in Gold or Platinum color.

Mixing Instructions: Using the container provided, mix the NU-MET powder with the NU-MET liquid. DO NOT USE WATER OR ANY OTHER LIQUID. Mix to a thick paste like consistency. *The thicker the mix the more dense and fine grained the final repair will be.*

Application and firing procedures: Using a medium Diamon-All or a non-contaminating stone, gently grind the area to be repaired. Then clean the coping, using distilled water, in an Ultrasonic cleaner for 2-3 minutes. Apply the NU-MET mixture on the area desired; tap once and dry at oven door for 2-3 minutes.

When repairing margins or large holes it may be necessary to use platinum foil as a support matrix.



Fire Accordingly:

Low Temp:	1200 F (650 C)
Heat Rate:	60 F (33 C)
Vacuum:	NONE
High Temp:	1650 F (900 C) Hold 90 secs or 1850 F (1010 C) Hold 30 secs



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