| MATERIAL | ACID | REACTION | RESULTS |
|-----------|------|---------------------|---------------------|
| 10K | N | STAYS BRIGHT YELLOW | ABOVE 10K |
| | | TURNS DARK BROWN | UNDER 10K |
| | | TURNS BROWN | 10K |
| | | TURNS GREEN | NOT GOLD |
| | | FADES SLOWLY | UNDER 8KT/ NOT GOLD |
| | | FADES QUICKLY | NOT GOLD |
| 14K | Z | TURNS DARK BROWN | UNDER 10K |
| | | STAYS BRIGHT YELLOW | 14K OR BETTER |
| | | TURNS GREEN | NOT GOLD |
| | | FADES SLOWLY | UNDER 8KT/ NOT GOLD |
| | | TURNS BROWN | 10K |
| 18K | AR | STAYS BRIGHT YELLOW | 18K OR BETTER |
| | | TURNS YELLOW/BROWN | ABOVE 14K |
| | | TURNS BROWN | 14K OR LESS |
| | | TURNS GREEN | NOT GOLD |
| | | FADES SLOWLY | UNDER 8KT/ NOT GOLD |
| | | FADES QUICKLY | NOT GOLD |
| SILVER | N | TURNS GREEN | NOT SILVER |
| | | FADES SLOWLY | TEST WITH AR |
| | AR | MILKY FILM | SILVER |
| | | FADES | NOT SILVER |
| PLATINUM | AR | TURNS BROWN | GOLD |
| | | STAYS BRIGHT WHITE | PLATINUM |
| | | TURNS GREEN | NOT PLATINUM |
| | | FADES | NOT PLATINUM |
| PALLADIUM | AR | STAYS BRIGHT WHITE | PLATINUM |
| | | TURNS YELLOW/ORANGE | PALLADIUM |
| | | TURNS GREEN | NOT PALLADIUM |
| | | FADES | NOT PALLADIUM |