

**New 0222**

# TECHNI GOLD<sup>®</sup> 434 HS

## PROCESS APPLICATION NOTE FOR REEL-TO-REEL APPLICATIONS

### **DEPOSIT PURITY**

In order to maintain gold purity levels of 99.99% and insure acceptable wire bond properties, it is important to minimize the drag-in of alloying metals. The use of a gold strike bath is recommended after nickel underplate. In reel-to-reel applications the combined level of nickel and iron contamination in the gold bath should not exceed the recommended maximum level of 500 ppm. Periodic testing of deposit purity and hardness is also recommended to confirm purity specifications are being satisfied.