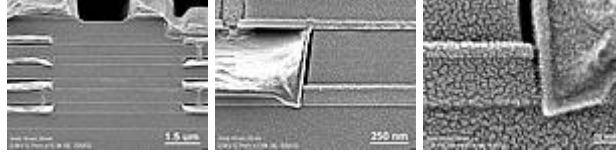


Comparative Sputter Data

Iridium and other materials

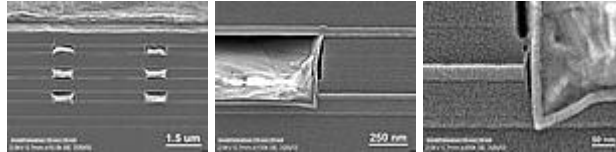
Samples were coated using an Emitech K-575X Sputter Coater and were examined using a Hitachi S-5200 Field Emission SEM. Pictures are courtesy of Linda Dailey, Emitech Products Inc.

Gold



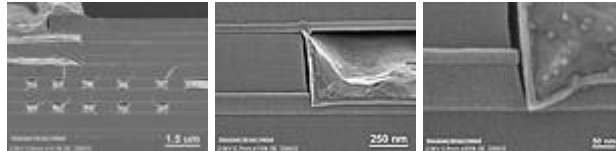
Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: 10 seconds 10 seconds 10 seconds
Current Used: 20 mA 20 mA 20 mA

Gold/ Palladium



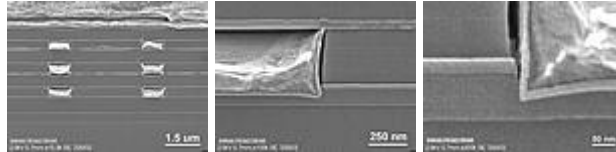
Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: 10 seconds 10 seconds 10 seconds
Current Used: 20 mA 20 mA 20 mA

Chromium



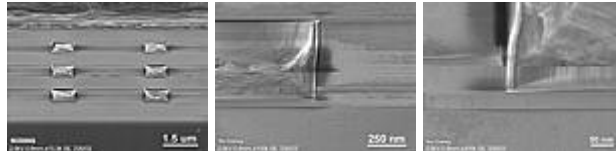
Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: 30 seconds 30 seconds 30 seconds
Current Used: 100 mA 100 mA 100 mA

Iridium



Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: 10 seconds 10 seconds 10 seconds
Current Used: 20 mA 20 mA 20 mA

No Coating



Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: N/A N/A N/A
Current Used: N/A N/A N/A

Platinum



Magnification: 15,000 X 100,000 X 300,000 X
Coating Time: N/A N/A N/A
Current Used: N/A N/A N/A