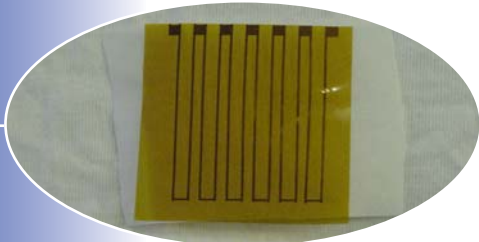
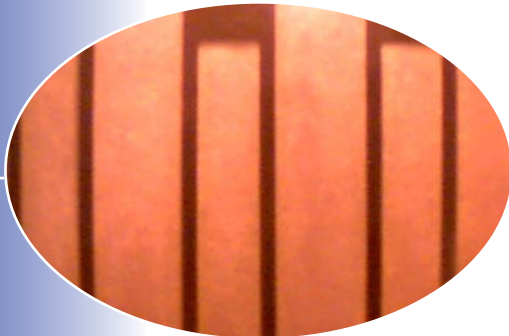


# Steel Corrosion Sensor Fabricated on the SF-100

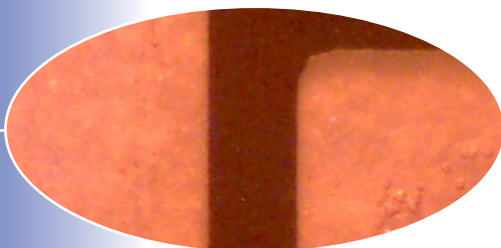
APPLICATIONS  
NOTE #106



*Steel Corrosion Sensor  
Fabricated on the SF-  
100 (Device is 3 cm x  
4 cm)*



*Patterned Steel Lines  
Magnified at 10X*



*Patterned Steel Lines  
Magnified at 60X*

## Overview:

A corrosion sensor made from steel thin film is fabricated for electrical monitoring of corrosion inhibitors.

## Process Flow:

1. Start with thin steel sheet.
2. Pattern laminate photoresist using standard photolithography process techniques.
3. Wet etch steel electrodes and interconnects.
4. Apply kapton sensor backing.



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