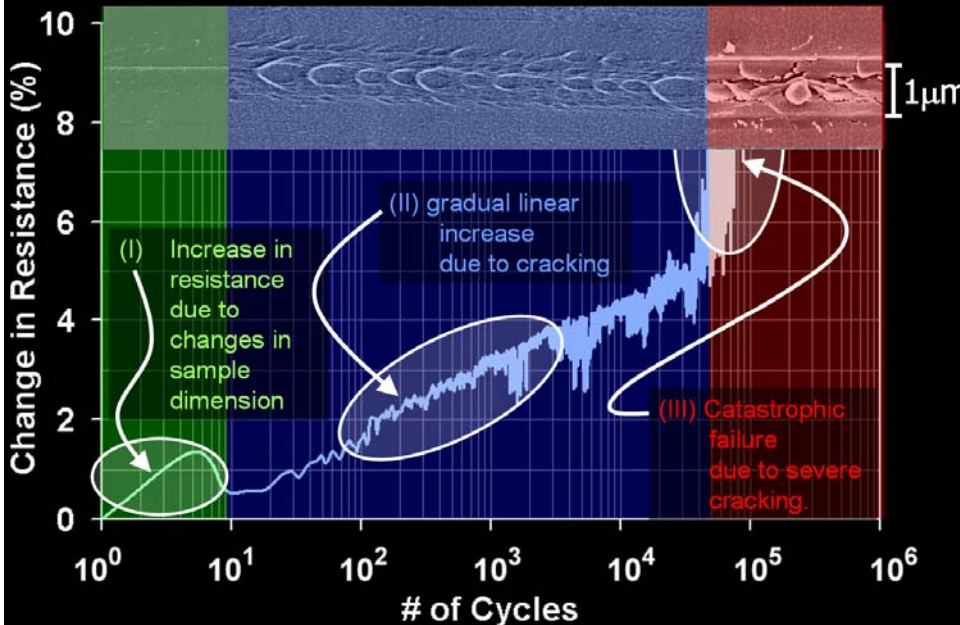


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Three stages of fatigue failure in ITO

- (I) Increase in resistance due to changes in the sample's dimensions until an equilibrium width is obtained (50-100 cycles);
- (II) gradual linear increase in resistance due to the cracking of ITO;
- (III) catastrophic failure after 50000 cycles due to severe cracking.



S. Gorkhali et al, Journal of the Society for Information Display Vol 12.1, pp 45-49(2004).

Potential Industry Standard: Four companies have used it already: Optiva, Eikos, CP Films, and 3M-Microtouch.