

Moving Image Preservation 101

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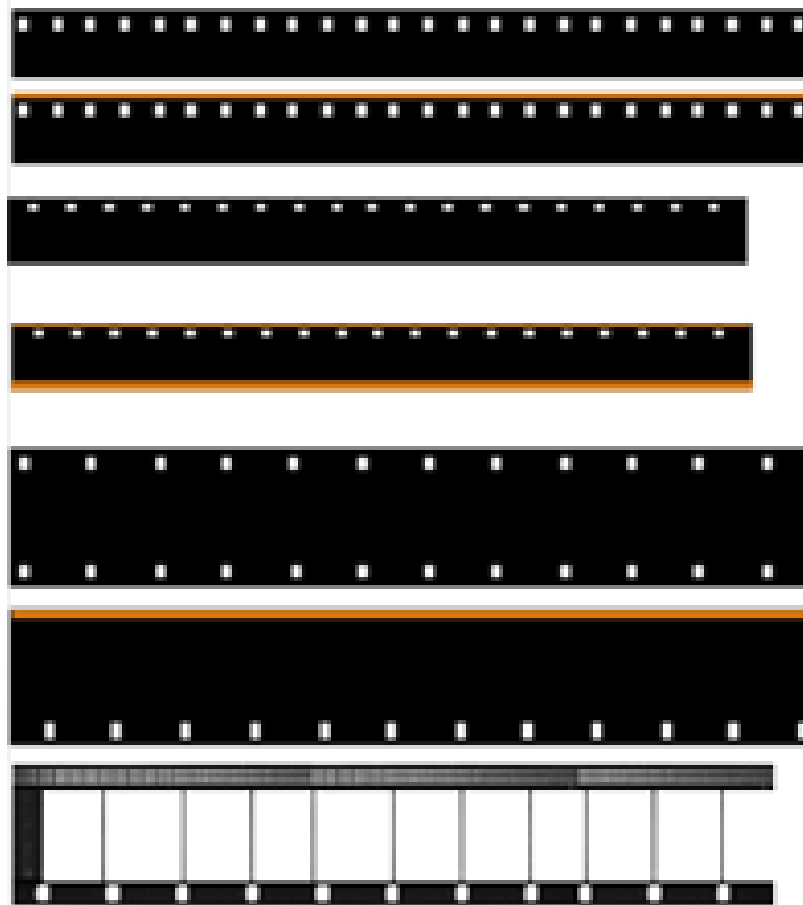
Audio. Video. Disco.

- Wavelengths
 - Sound
 - Light
- Recording wavelengths
 - *Analog signal*: analogous to the original
 - *Digital signal*: 1's and 0's
- Recording onto...
 - Physical
 - Born-digital

Poll # 1



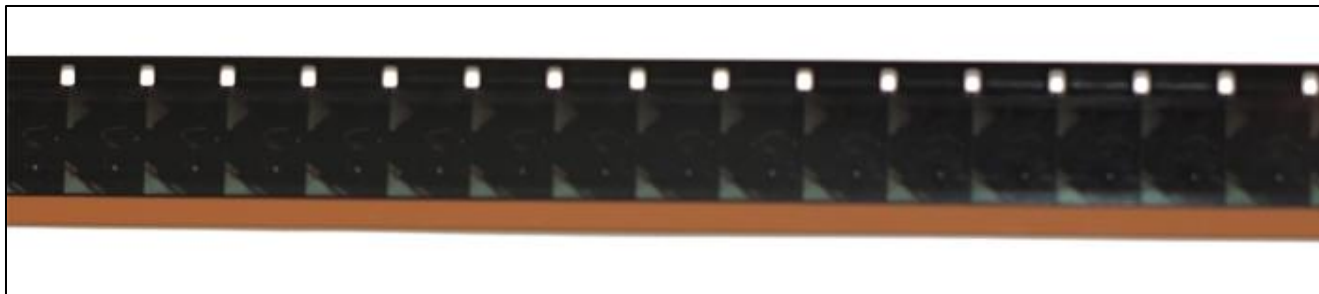
Film: Small Gauges



<http://www.cinefilmfactory.co.uk/>

16mm

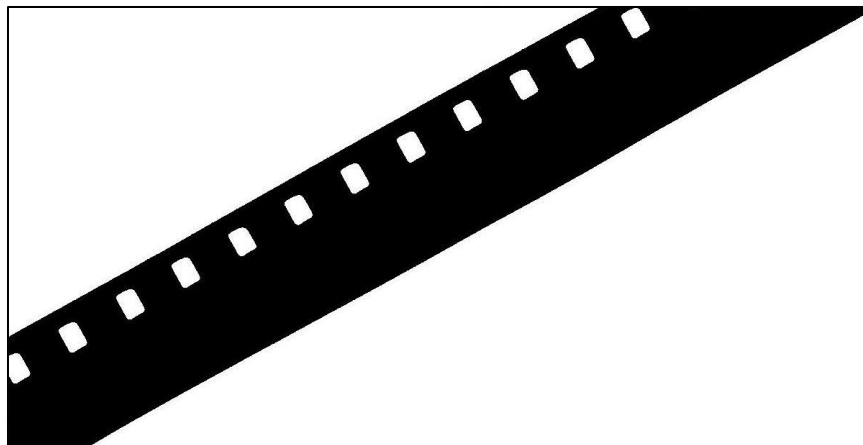
- 1923 (Magnetic stripe: 1973)



www.filmtransferexperts.com

8mm

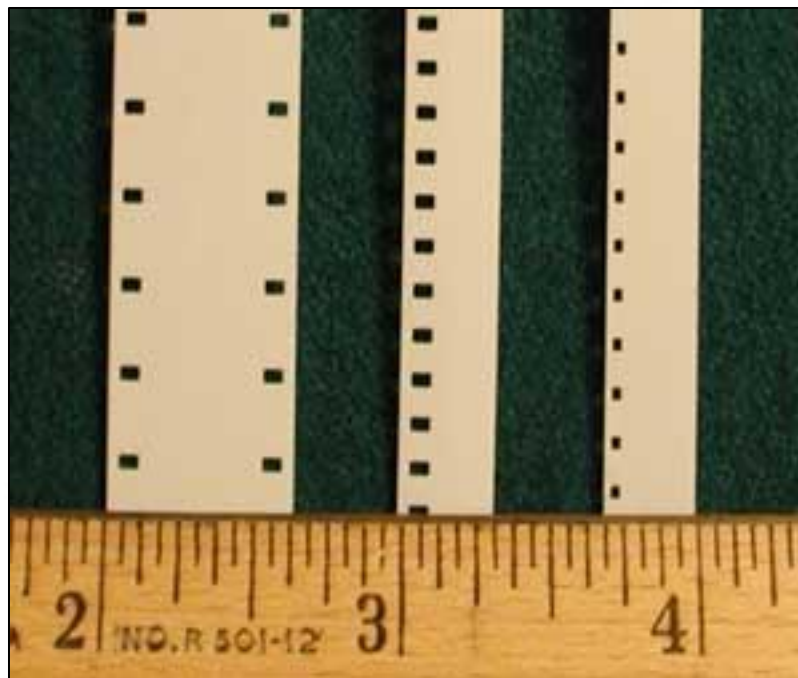
- 1935



www.homemoviedepot.com

S-8mm

- 1965 (Magnetic stripe: 1973)



www.movies-2-dvd.com

Poll # 2



Nitrate



Photo: George Eastman House

Vinegar syndrome



Mold



Photo: AZ Digital Transfers

Color Film



Photo: filmforever.org

Poor Housing



Preservation Re-housing



Poor Storage



Preservation Re-housing...

- **F**ilm
- **F**lat



Film Best Practices

- Keep the originals!
- Find an experienced projectionist, otherwise don't project



Photo: www.phinkproductions.com

1/2 inch Open Reel Video



Photo: Indiana University - Bloomington



Photo: Sony.net

$\frac{3}{4}$ inch U-Matic (SP)



Photos: Preservingvideo.blogspot.com

Betamax



Photo: Simplydv.biz



Photo: Ibenimagaes.com

VHS



Photo: [Photos-public-domain.com](https://www.photos-public-domain.com)



Photo: [Themovethemove.wordpress.com](https://themovethemove.wordpress.com)

Video8



Photo: Wikipedia



Photo: Ebay

Hi8



Photo: Amazon.com



Photo: Ebay

Digital8



Photo: Cameratim.com

MiniDV



Photo: dvdyourmemories.com



Photo: Bladeforums.com

Poll # 3



Mold



Photo: Video Recovery & Restoration

Sticky Shed Syndrome



Photo: www.thegreatbear.net

Video Best Practices

- Digitize!
 - Problems=obsolescence + degradation (degreasence)
- Digital Preservation!
- Store **V**ertically for **V**ideo



Photo: www.governmentnews.com

Born-Digital

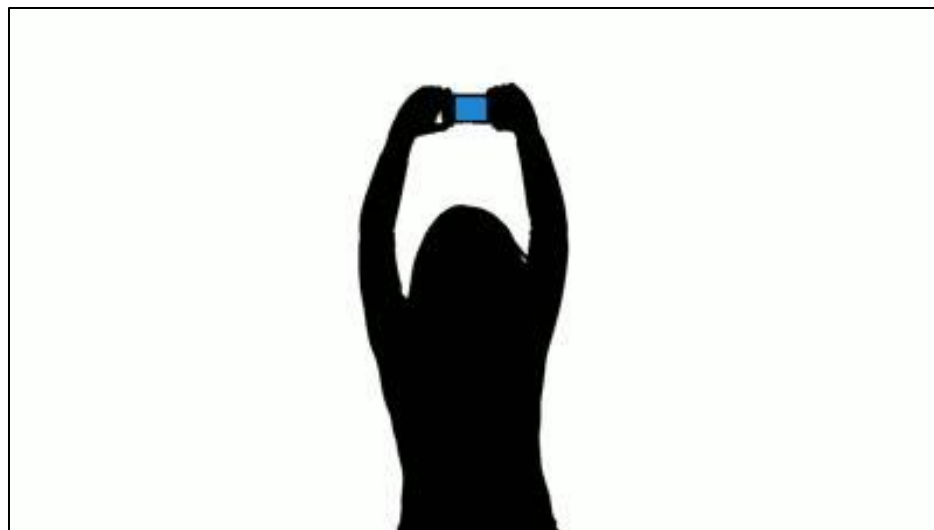


Photo: www.shutterstock.com

Poll # 4



Further Thoughts

- Labels
 - Write down what the labels say!
- Video accompaniments
 - Video or audio oral histories of subjects

Further Resources

- April 30 Preservation Week Webinar
 - “Digital Preservation for Individuals and Small Groups”
- Personal Digital Archiving
 - <http://digitalpreservation.gov/personalarchiving/>
- The Center for Home Movies
 - <http://www.centerforhomemovies.org/>

Thank you!

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