

**Digitization Standards: Transparent Materials**

These standards apply to transparent film originals such as 35mm slides of previously printed materials and negatives. We assume that these materials are being digitized primarily for in-class presentation, and therefore recommend only the highest digital capture resolutions. We further recommend a series of pre-production scans at multiple levels within the specified ranges to accommodate differences among scanning hardware devices and to establish uniform digital capture standards for the project.

**Group A: not recommended**

**Group B**

- Detail desired
- Text capture
- Born-digital surrogates of existing and accessible objects – originals still available for technical upgrade
- Digitization of previously printed materials
- Resolution standards usually medium to high

Examples: Image intensive presentations—art history lecture; Images of manuscripts to be displayed with text transcription; maps.

<b>GROUP B</b> <i>Digitizing Standards for transparent materials</i>		
	<b>MASTER</b>	<b>DISPLAY</b>
<b>Resolution</b>	600 - 1200 dpi	72 dpi
<b>Long Dimension</b>	262 - 12K pixels	63 - 630 pixels
<b>Bit Depth</b>	1 bit bitonal, 8 bit grayscale, 24 bit color	1 bit bitonal, 8 bit grayscale, 24 bit color
<b>File Type</b>	TIFF (LZW)	JPEG
<b>Compression</b>	lossless	Lossy

**Group C**

- Greatest detail desired
- Images for very detailed analysis and / or images that are digitized for preservation purposes
- Born digital items where access to the original is limited
- Brittle and/or light sensitive archival materials (you may only be able to scan the original once)
- Microprint / microform.
- Highest resolution standards

Lower resolution

Detail Continuum

Examples: lantern slides; brittle manuscript pages; slides digitized for preservation purposes; painting in which detail of brush-strokes is desired.

higher  
resolution



<b>GROUP C</b> <i>Digitizing Standards for transparent materials</i>		
	<b>MASTER</b>	<b>DISPLAY</b>
<b>Resolution</b>	1200 - 2500 dpi	300 dpi
<b>Long Dimension</b>	1050 - 25K pixels	262 - 3000 pixels
<b>Bit Depth</b>	1 bit bitonal, 8 bit grayscale, 24 bit color	1 bit bitonal, 8 bit grayscale, 24 bit color
<b>File Type</b>	TIFF (LZW)	JPEG
<b>Compression</b>	lossless	None or lossless