

**Motion Picture Condition At Risk Assessment Guide
for
Photochemical Preservation**

Risk Level	Immediate	High	Medium	Low
Acidity	3+	2+	1+	≤ 1
16mm Shrinkage	TBD in conjunction with additional condition factors	1% - 1.3%	.7% - 1%	.7%
35mm Shrinkage	1.9% +	1.6% - 1.9%	1.3% - 1.6%	1.3%
Fading	To be determined in conjunction with Archival Branch			
Emulsion Fogging	Present with evidence of layer separation	Present		
Silvering Out	100 ft. or longer sections	50 ft. sections within reel	25 ft. sections within reel	10 ft. sections within reel
Mold	Large areas with evidence of etching	Large areas with some underlying damage	Large areas easily removed with no underlying damage	Small spots easily removed
Brittleness	Present			
Film Base	Nitrate			

Determinations based on factors such as warping, crazing, and other conditions will influence the level of risk in addition to above guidelines.

**Motion Picture Condition At Risk Assessment Guide
for
Digital Preservation**

Risk Level	Immediate	High	Medium	Low
Acidity	3+	2+	1+	≤ 1
16mm Shrinkage	1.7% +	1.7 - 1.3%	1.3 - 1%	1%
35mm Shrinkage	2.2% +	2.2% - 1.9%	1.9% - 1.6%	1.6%
Fading	To be determined in conjunction with Archival Branch			
Emulsion Fogging	Present with evidence of layer separation	Present		
Silvering Out	100 ft. sections within reel	50 ft. sections within reel	25 ft. sections within reel	10 ft. or longer sections
Mold	Large areas with evidence of etching	Large areas with some underlying damage	Large areas easily removed with no underlying damage	Small spots easily removed
Mag shedding	Present			
Brittleness	Present			
Film Base	Nitrate			

Determinations based on factors such as warping, crazing, and other conditions will influence the level of risk in addition to above guidelines.

**Motion Picture Condition At Risk Assessment Guide
for
Creating Optical Soundtracks from Mag Tracks**

Risk Level	Immediate	High	Medium	Low
Acidity	3+	2+	1+	≤ 1
35mm Shrinkage	1.9% +	1.6% - 1.9%	1.3% - 1.6%	1.3%
35mm pix element	New element printed			
Mold	Large areas with evidence of etching	Large areas with some underlying damage	Large areas easily removed with no underlying damage	Small spots easily removed
Brittleness	Present			
Shedding	Present			

Determinations based on factors such as warping, crazing, and other conditions will influence the level of risk in addition to above guidelines. All 16mm MAG tracks will follow Digital Preservation parameters and be kept as digital files only.