

Motion Picture Films

Quick Reference Chart

Eastman

PROFESSIONAL QUALITY FILMS FOR MOTION PICTURE PRODUCTION



This brochure is designed to serve only as a quick reference guide in selecting the appropriate EASTMAN and KODAK Motion Picture Films for your film production.

The complete range of Eastman's film products has been designed to cover the needs of all phases of motion picture work. You'll find that Eastman films provide the highest quality and uniformity obtainable—backed by the assurance that every roll is "factory fresh." Eastman

films are designed to work together, providing unmatched flexibility for the cinematographer and the laboratory.

For more detailed information on Eastman's films, prices, credit terms and delivery—or for the purchase of film—contact the Motion Picture and Education Markets Division nearest you. Also, our engineers stand ready at all times to offer technical assistance in the use of Eastman products.



EASTMAN and KODAK CAMERA FILMS

Name of Film	Film Code No.		General Description	Exposure Index		Code Letter Identification **(Precedes Footage Number)	End Markings (on 16mm 100-ft. and 200-ft. spools)	Footage Numbered*	Frame-line Marked (35mm only)	Magnetic Pre-striping (16mm only)
	(35mm)	(16mm)		Daylight	Tungsten (3200 K)					
EASTMAN XT Negative	5220	7220	A very fine-grain, low-speed negative film for general exterior photography, background work and optical work where high definition and low granularity are requisites.	25	20	F	XTN	YES	YES	YES
EASTMAN PLUS-X Negative	4231	7231	High-speed, fine-grain negative film for general production use both outdoors and in the studio.	80	64	H	PXN	YES	YES	YES
EASTMAN DOUBLE-X Negative	5222	7222	A high-speed negative film representing the latest advances in speed-granularity ratio. Suitable for exterior and interior photography under difficult lighting conditions.	250	200	C	DXN	YES	YES	YES
EASTMAN 4-X Negative	5224	7224	An extremely high-speed negative film of medium graininess. It has an exceptional ability to reproduce shadow detail. It is well suited for newsreel work and all photography where the lighting conditions are adverse.	500	400	G	4XN	YES	YES	YES
EASTMAN Color Negative	5254	7254	A multilayer color film suitable for both exterior and interior photography. Balanced for 3200 K tungsten lamps but may be used in daylight with KODAK WRATTEN Filter No. 85.	64 (with WRATTEN No. 85 Filter)	100	E(L.I.)		YES	NO	NO
EASTMAN EKTACHROME Commercial		7255	A low-contrast, reversal-type, multilayer color film for general 16mm color production work both outdoors and in the studio. Recommended for originals from which it is desired to make one or more color release prints.	16 (with WRATTEN No. 85 Filter)	25		EKT-C	YES		NO
KODAK EKTACHROME MS (Daylight)	5256	7256	A medium-speed, daylight-balanced color film processed by reversal to give a positive intended primarily for direct projection. It finds useful application in data and engineering analysis, high-speed camera use and sports photography under low daylight illumination conditions.	64	‡See note at bottom of page		EMS	YES	NO	YES
KODAK EKTACHROME EF (Daylight)	5241	7241	A high-speed, color reversal film for daylight exposure, designed for use under very low illumination conditions or high-speed photography applications where sufficient exposure cannot be obtained with slower-speed color reversal films.	160	40 (with WRATTEN No. 80A Filter)		EF	YES	NO	YES
KODAK EKTACHROME EF (Tungsten)	5242	7242	This film, for exposure at 3200K, serves as a companion to EKTACHROME EF Film, Daylight Type, and is useful for making industrial pictures under existing plant illumination, for nighttime sports photography and for newsreel work.	80 (with WRATTEN No. 85 Filter)	125		EF-B	YES	NO	YES
KODAK PLUS-X Reversal		7276	Fine-grain, medium-speed reversal film for general motion picture production use where reversal films are indicated.	50	40		PXR	YES		YES
KODAK TRI-X Reversal		7278	High-speed reversal film of medium granularity provides excellent halation control. It is useful for photography under difficult lighting conditions both outdoors and in the studio. Especially suitable for television newsreel work and sports photography.	200	160		TXR	YES		YES
KODAK 4-X Reversal		7277	A high-speed reversal film having twice the speed of TRI-X Reversal Film. Especially suitable for photographing news and sports under limited available light and for high-speed photography. Excellent halation control.	400	320		4XR	YES		YES

*All 35mm films are ink-footage numbered except 5254, 5256, 5241 and 5242, which are latent-image footage numbered; all 16mm films are latent-image footage numbered.

‡Exposure to tungsten light not recommended except under emergency conditions. For 3200 K tungsten lamps and with KODAK WRATTEN Filter No. 80A, index is 16.

**35mm films only.



EASTMAN SOUND RECORDING and TELEVISION RECORDING FILMS

Name of Film	Film Code No.		General Description	Code Letter Identification (35mm only) (Precedes Footage Number)	Footage Numbered*	Frameline Marked (35mm only)
	(35mm)	(16mm)				
Fine Grain Sound Recording	5375	7375	A film designed for variable area sound recording using a tungsten light source. May also be used for direct playback purposes.	S	YES	YES
Television Recording	5374	7374	This material is intended for making kinescope recordings of television programs using monitor tubes having either blue (P-11) or ultraviolet (P-16) phosphors.		YES	YES

*All these 35mm films are ink-footage numbered; all 16mm films are latent-image footage numbered.



EASTMAN DUPLICATING FILMS

Color Reversal Intermediate	5249	7249	Designed for making duplicate negatives from negative originals in one printing stage instead of the two stages usually required for duplication.		YES	NO
Fine Grain Panchromatic Duplicating Negative	5234	7234	A low-speed, extremely fine-grain duplicating negative film. May be used to make duplicate negatives from master positives on 5366 and 7366 or internegatives from reversal originals.	D	YES	YES
Fine Grain Duplicating Positive	5366	7366	A blue-sensitive film with extremely low granularity and very high resolution. Intended for making positives from camera negatives. Used as a companion to 5234 and 7234.	D	YES(35) NO(16)	YES
Panchromatic Separation	5235		A very fine-grain film intended for making black-and-white separation positives from color negatives, such as those made on Color Negative Film, 5254.	D	YES	YES
Color Intermediate	5253	7253	A multilayer color film suitable for use in preparing both color master positives and color duplicate negatives from originals on Color Negative Film, 5254.		YES	NO
Color Internegative	5271	7271†	A multilayer color film designed for making color internegatives from color reversal originals. The film is designed for printing onto EASTMAN Color Print Film, 5385, 7385, and 7380.		YES	NO
Direct MP	5360	7360	A low-speed, black-and-white, orthochromatic duplicating film with extremely fine grain, high resolving power, and medium contrast. Used for making a black-and-white duplicate of any black-and-white negative, black-and-white positive, or color print film.			NO

*All 35mm films are ink-footage numbered except 5253 and 5271, which are latent-image footage numbered; most 16mm films are latent-image footage numbered.

†Also supplied perforated for certain super 8 formats.



EASTMAN RELEASE PRINT FILMS

Fine Grain Release Positive	5302	7302‡	A film for general black-and-white production release printing. Also useful for making negative and positive titles, dubbing prints for sound, and kinescope recordings from negative tube images.	NO	YES
High Contrast Positive	5362	7362	A high-contrast material useful for making negative and positive titles, silhouette mattes for process work, and travelling mattes for printer light control.	Note 1	YES
Color Print	5385	7385	A multilayer color film designed for general color release printing from color negatives and color duplicate negatives. May be used in conjunction with 5254, 5271 and 7271; 5253 and 7253.	NO	YES
Color Print		7380‡	A fine-grain multilayer color release print film designed for making 8mm prints using certain systems.	NO	
Reversal Color Print		7387	A multilayer, reversal-type color film designed for making prints from 16mm EKTACHROME Commercial, EKTACHROME ER, EF, and MS, and KODACHROME II, Daylight and Type A, Films. Requires special processing similar but not identical to that used for KODACHROME Films.	NO	
EKTACHROME Reversal Print Film	5386	7386	A reversal-type multilayer color film designed for making prints from low contrast color reversal originals such as those made on EKTACHROME Commercial Film. However, prints can be made from originals on EKTACHROME MS, ER, and EF Films but will be generally higher in contrast.	NO	NO
EKTACHROME R Print Film	5388	7388	A lower contrast reversal-type color film designed for making projection-contrast prints from projection-contrast color reversal originals such as EKTACHROME MS, ER, EF, and KODACHROME II Films.	NO	NO
Reversal Duplicating		7361	A black-and-white reversal film intended for making prints from black-and-white or color positive originals. Suitable for making work-prints for editing purposes. Can be processed in same solutions as used for other black-and-white reversal films.	NO	

Note 1—Type 5362 with positive perforations is not footage numbered; 5362 with negative perforations is footage numbered; 7362 is latent-image footage numbered.

‡Also supplied with magnetic prestripping for certain 8mm formats.

LEADER STOCKS

Name	Code No.	Description	Thickness	Length	Perforations
No. 4 Clear Leader	5980 7980	Clear, transparent uncoated support.	0.0050 in.	35mm x 1015 ft.	Negative or Positive or Unperforated.
				16mm x 1220 ft.	Perforated One Edge, Two Edges, or Unperforated.
No. 6 Black-and-White Opaque Leader	5981 7981	Opaque, black on one side and white on other side. Satisfactory for use in various types of processing machines.	0.0083 in.	35mm x 800 ft.	Oversize Positive or Unperforated.
				16mm x 800 ft.	Oversize Perforated Two Edges, Perforated One Edge, or Unperforated.
No. 6 Green Leader	5982 7982	Green, transparent, uncoated support. Recommended for use in processing machines where long leader life is desired.	0.0095 in.	35mm x 800 ft.	Oversize Positive or Unperforated.
				16mm x 800 ft.	Oversize Perforated Two Edges, Perforated One Edge, or Unperforated.

STANDARD ROLL LENGTHS (IN FEET)

	35mm		16mm	
	Color	Black-and-White	Color	Black-and-White
Camera Films**	100, 200, 400, 1000 (special order, 2000)	100, 200, 400, 1000, and in some cases, 2000	100, 200, 400, 1200	100, 200, 400, 1200
Release Print Films	1000, 2000 (special order, 3000)	1000, 2000 (special order, 3000)	1200, 2000	400, 1200, 2000
Sound Recording and Television Recording Films	—	1000 (special order, 3000)	—	400, 1200, 2400
Duplicating Films	1000, 2000	1000, 2000	1000, 1200, 2000	400, 1200, 2000

**Camera films are normally supplied on spools for loading in subdued light when purchased in 35mm x 100-ft. or 16mm x 100-ft. and 16mm x 200-ft. lengths. All other lengths of camera films and other film types are supplied on cores for darkroom loading.

WINDING AND PERFORATING SPECIFICATIONS

To meet the requirements of various types of equipment and operating procedures in trade use, and to ensure optimum performance characteristics, specific types of windings and perforations are provided for different products. For detailed information, refer to the individual specification sheets which are available upon request.



For detailed information about performance, prices, credit terms and delivery—or for technical service—contact our nearest office.

MOTION PICTURE AND EDUCATION MARKETS DIVISION

EASTMAN KODAK COMPANY • ROCHESTER, NEW YORK

Atlanta: 1775 Commerce Dr., 30318, 404-351-6510; **Chicago:** 1901 West 22nd St., Oak Brook, 60523, 312-654-0200; **Dallas:** 6300 Cedar Springs Rd., 75235, 214-FL 1-3221; **Hollywood:** 6706 Santa Monica Blvd., 90038, 213-464-6131; **New York:** 200 Park Ave., 10017, 212-MU 7-7080; **San Francisco:** 3250 Van Ness Ave., 94119, 415-776-6055

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