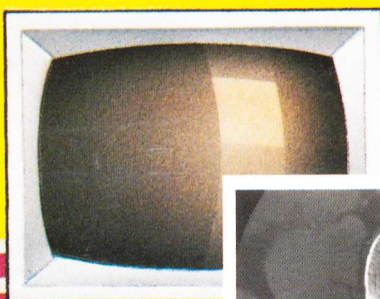


# KODAK Films for Video Imaging

Imaging flexibility in...

- Computed Tomography
- Ultrasound



- Digital Subtraction Angiography
- Computerized Nuclear Medicine
- Magnetic Resonance Imaging

# KODAK Films for Video Imaging

Kodak offers a choice of five high-quality films for imaging from video monitors used in computed tomography, ultrasound, computerized nuclear medicine, digital subtraction angiography, and magnetic resonance imaging.

These films feature a dye-pelloid backing for antihalation protection and, as such, deliver excellent image sharpness.

Depending upon the imaging modality you now use and the capabilities of your imaging equipment the following information can help you choose the high-resolution, single-emulsion Kodak film that best meets your imaging requirements.

## Your Kodak TSR can help you. KODAK Video Display Analyzer tunes your monitor to Kodak film.

Depending on how your video imaging equipment is adjusted, each of these five films can produce an excellent image. Choosing a film, while essentially based on subjective preferences, can be simplified if you consult your Kodak technical sales representative first.

The KODAK Video Display Analyzer, coupled with the expertise of your Kodak representative, can help you choose the proper film that will match your imaging requirements and equipment

### KODAK NMB and NMC Films

These two films feature fast, high-contrast, orthochromatic emulsions. KODAK NMB Film has a single emulsion coated on a blue base, and KODAK NMC Film has a single emulsion coated on a clear base. Both films are ideally suited for all modalities with proper adjustments of the video monitor.

### KODAK MIN-R Film

This orthochromatic film features a medium speed, medium contrast, single-emulsion coating on a blue base. This film has found wide applications in ultrasound and body CT because of its extended gray scale.

### KODAK Ortho M Film

Coated on a blue base, KODAK Ortho M Film is the fastest and

highest contrast single-emulsion Kodak film. It allows the lowest brightness and contrast settings on the video monitor of any Kodak film for video imaging. This film is an excellent choice for computed tomography and digital subtraction angiography, although it can be used for all modalities with proper adjustments of the video monitor.

### KODAK Gray Tone Imaging Film

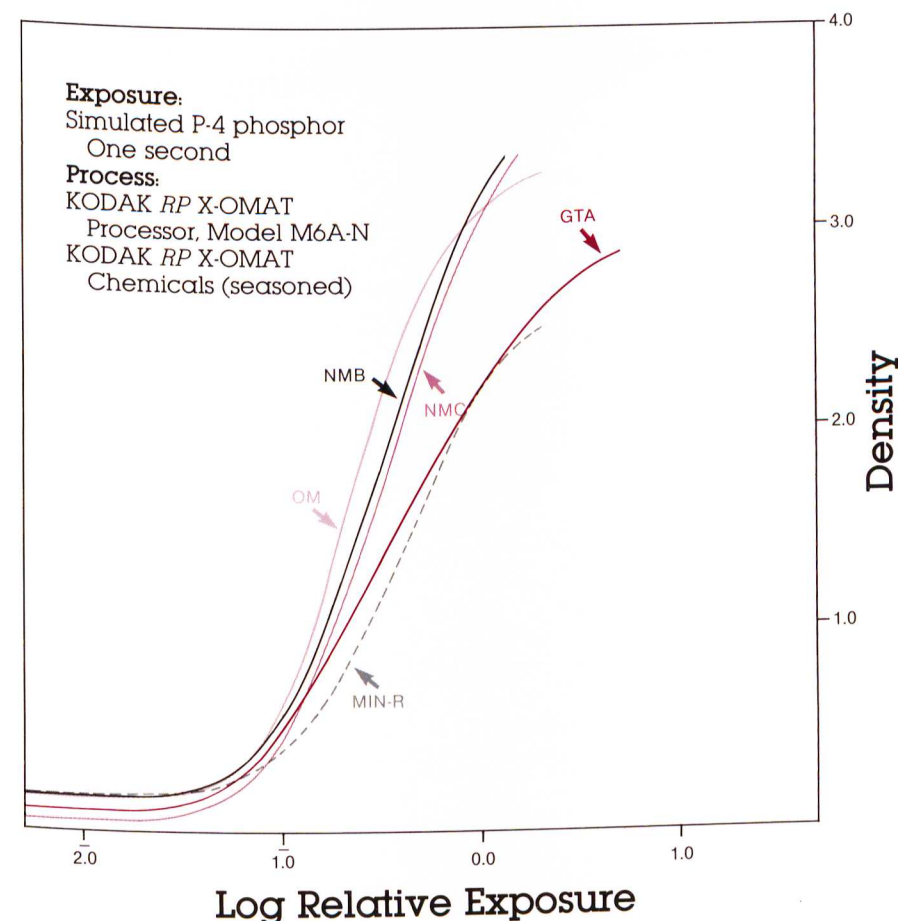
KODAK Gray Tone Imaging Film is a medium speed, medium contrast, single-emulsion film coated on a clear base. It features the widest latitude of any Kodak film for video imaging and is ideal for ultrasound and body CT scanning or other applications where an extended gray scale is preferred.

settings. A consultation will help you see the effect that various CRT brightness, contrast, and exposure settings can have on a processed film image.

Before you choose a film, consult your Kodak technical sales representative. Simplify your decision-making process and maximize the capabilities of your video imaging system.



## Sensitometric Information: Characteristic Curves



## Recommendations

### Handling:

Handle the film carefully to avoid physical strain such as pressure, creasing, buckling, and fingerprints.

### Storage:

Store unopened boxes of film in a cool (50 to 70°F (10 to 21°C)), dry (30 to 50% relative humidity) place, shielded from x-rays and other penetrating radiation.

### Safelighting:

When using KODAK Gray Tone Imaging Film, KODAK Ortho M Film, KODAK NMB and NMC Films, and KODAK MIN-R Film, use the KODAK Safelight Filter Type GBX-2, or equivalent, in a safelight housing with a 15-watt frosted bulb at least 4 feet (1.2 m) from the film.

### Automated Processing:

KODAK Gray Tone Imaging Film, KODAK NMB and NMC Films, KODAK MIN-R Film, and KODAK Ortho M Film can be processed in all automated KODAK RP X-OMAT Processors using KODAK RP X-OMAT Chemicals, or their equivalents.

### Manual Processing:

KODAK Gray Tone Imaging Film, KODAK NMB and NMC Films, KODAK MIN-R Film, and KODAK Ortho M Film can be manually processed using KODAK GBX Developer and Replenisher and KODAK GBX Fixer and Replenisher, or equivalent.

## Relative Speed/Resolving Power Data

KODAK FILM	RELATIVE SPEED	AVERAGE GRADIENT	LINE PAIRS PER MILLIMETRE		
			1.6:1 Contrast Ratio	6.1:1 Contrast Ratio	1000:1 Contrast Ratio
NMB	100	2.3	50	125	200
NMC	100	2.3	50	125	200
Ortho M	120	2.9	63	125	200
Gray Tone Imaging	80	1.7	50	100	125
MIN-R	60	1.8	50	100	200

## Availability

	NMB	NMC	Ortho M	Gray Tone Imaging	MIN-R
<b>Sheets</b>	<b>NMB-1</b>	<b>NMC-1</b>	<b>OM-1</b>	<b>GTA-1</b>	<b>MR-1</b>
35 x 43 cm	121 5318	124 5406	160 8868	175 3532	104 0245
11 x 14 in.	198 1935	124 5380	160 8769	153 5095	
8 x 10 in.	198 1810	124 5349	160 8850	153 4908	122 1555
5 x 7 in.	177 7606	124 5323	161 8917		
<b>4 x 5 in. (Square Corners)</b>	<b>NMB-9</b>		<b>OM-9</b>		
	194 7241		160 8835		
<b>Sheets/Notched</b>	<b>NMB-6</b>	<b>NMC-6</b>	<b>OM-6</b>	<b>GTA-6</b>	<b>MR-6</b>
35 x 43 cm	126 2203		132 8608		
11 x 14 in.	158 3772	152 5971*	168 5445	165 0753*	
8 x 10 in.	114 1480	164 1083	166 2097	165 0738	114 1464
<b>Rolls</b>					
8 in. x 200 ft, Sp914	156 0978*	156 7312*	156 7437*		
70 mm x 150 ft, Sp469				154 3768	
105 mm x 150 ft, Sp906				155 3023	
3½ in. x 150 ft, Sp825				159 6188	

\*Non-factory stocked

### Details for Sp numbers:

- Sp914 — 8 in. x 200 ft on a PC546 core with no leader or trailer
- Sp469 — 70 mm x 150 ft on an S84 spool with an integral leader and trailer
- Sp906 — 105 mm x 150 ft on a UU core with no leader or trailer
- Sp825 — 3½ in. x 150 ft (for cameras designated 90 mm) on a Type E core with no leader or trailer

For additional information on Kodak products for video imaging, contact your Kodak technical sales representative or your x-ray products dealer, or write Eastman Kodak Company, Department 740-B, 343 State Street, Rochester, NY 14650.

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