



## ORTHOCHROMATIC AND BLUE SENSITIVE MEDICAL X-RAY FILM

### RADIOMAT™ SG™

#### Full Speed Orthochromatic Film

Provides high contrast and excellent detail throughout the entire diagnostic range and rapid processing. This medium speed, high contrast film is compatible with any green-emitting rare-earth intensifying screen. When used with 400-speed green rare-earth screens, images have high clarity, high contrast, and overall image sharpness. When used with 100-speed green rare-earth screens, the film provides outstanding detail in extremity images.

### RADIOMAT™ GL™

#### Full Speed Orthochromatic Latitude Film

Provides low noise, high sharpness and an expanded contrast range when used with green rare-earth screens. Ideal for chest, portable, BE, pelvis, and soft-tissue applications. Provides the broadest range of information in a single image with minimal retakes due to exposure errors.

### RADIOMAT™ B PLUS™

#### Full Speed Blue Film

Provides a wide range of system speeds when used in combination with blue-emitting rare-earth and calcium tungstate intensifying screens. Excellent detail with high contrast is achieved throughout the entire diagnostic range. The film features low patient dose and excellent image quality.

### RADIOMAT™ M PLUS™

#### Half Speed Blue Film

This half speed, blue sensitive film offers high contrast and low noise for extra sharp images. The film is perfect for general radiography, providing extra sharp images with outstanding detail and is compatible with all blue-emitting intensifying screens.

# RADIOMAT™ MEDICAL X-RAY FILM

X-ray film specifically designed for private practices and clinics

Four distinctive products for a choice of spectral sensitivity and speed

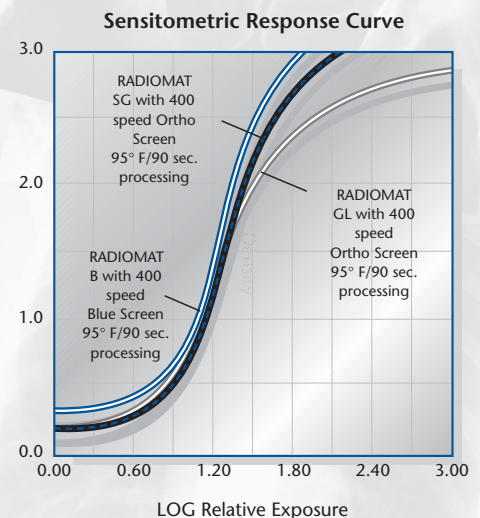
Maximum image quality and consistency for general purpose radiology

Provides sharp detail and consistent performance in a wide variety of processing conditions

Compatible with existing generating equipment, cassettes, and intensifying screens; requires little or no technique change

Maximum information with low patient dose

Cost-effective way to capture, display and store high-quality images



**Product Availability**

**NON-INTERLEAVED**, Reclosable Box, 100 sheets per box, 5 boxes per case

Size cm x cm	Size in x in	RADIOMAT SG Film	RADIOMAT GL Film	RADIOMAT B Plus Film	RADIOMAT M Plus Film
35 x 43	14 x 17	EK8DG	316GF	EBA21	3XA2A
35 x 35	14 x 14	EK8CE	—	EBA1Y	3XA17
30 x 35	—	EK8BC	—	EBAZW	3XAZ5
—	11 x 14	EK8JR	—	EBA7C	3XA7L
—	10 x 12	EK8HP	EA4NC	EBA6A	3XA5G
24 x 30	—	EK8AA	EA4OE	EBAJU	3XAY3
24 x 24	9.5 x 9.5	EK8GN	—	EBA57	3XA4E
—	8 x 10	EK8FL	EA4PG	EBA45	3XA3C
18 x 43	7 x 17	EK795	—	EBAXS	3XAX1
15 x 30	—	EK771	—	EBAUM	—
—	5 x 12	EK8EJ	—	EBA33	—
18 x 24	—	EK783	—	EBAWQ	3XAWY
13 x 18	5 x 7	EK8KT	—	EBNU2	—

**NON-INTERLEAVED**, Reclosable Box, TRIFOLD 25 sheets per box, 5 boxes per case

—	14 x 36	EK8MX	—	EKYCB	EKYGK
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**NON-INTERLEAVED**, Reclosable Box, FLAT SHEETS 25 sheets per box, 4 boxes per case

—	14 x 36	EK8LV	—	EKYB8	EKYFH
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**RELATIVE SPEED**

Film	Intensifying Screen Type	
	Ortho 100	Ortho 400
RADIOMAT SG	100	400
RADIOMAT GL	—	400
Film	CaWO <sub>4</sub> (par speed)	
	Blue 800	Blue 800
RADIOMAT B Plus	100	800
RADIOMAT M	—	400

**Safelight Requirements**

The use of a GBX-2 (or equivalent) safelight filter is recommended. The filter should be utilized in conjunction with a 15-watt frosted bulb and positioned at least four feet from the unloading/loading area, and processor feed-tray.

**Processing**

RADIOMAT Medical X-Ray Films are designed to be processed in automatic processors using “High Throughput”, standard, or extended cycles. When used in the standard 90 second cycle, a temperature of 95° F is recommended. The films can also be processed manually. These robust films perform well in all quality developers and fixers.

**Storage**

Unopened, unexposed film should be stored at temperatures at or below 70°F in a dry location, preferably between 30% and 50% relative humidity. Film should be protected from sources of ionizing radiation including X-ray scatter.

RADIOMAT Medical X-Ray Film is available through your local Authorized Distributor.



**STATE-OF-THE-ART FILMS FOR TRADITIONAL RADIOLOGY**

Each film type provides sharp detail and yields consistent performance in a wide variety of processing conditions. The films are compatible with your existing generating equipment, (cassettes and intensifying screens) with little or no technique change.

The Radiomat Orthochromatic Film products are available in both high contrast and latitude curve shapes, and achieve optimum quality performance when used with green-emitting rare-earth screens.

The blue-sensitive films are available in both full speed and half speed rating categories.

All of the Radiomat films are coated on a blue-tinted polyester base and exhibit excellent handling characteristics, long shelf life, with low fog.

**Handling**

Films should be handled by the edges; avoiding creasing, buckling and physical pressure. Avoid using hand lotions prior to handling films.