



ORTHOCHROMATIC AND BLUE SENSITIVE MEDICAL X-RAY FILM

RADIOMAT G PLUS

Full speed – orthochromatic

Provides high contrast and excellent detail throughout the entire diagnostic range. Used with Ortho 400 rare-earth screens, it is possible to shorten exposure times, reduce patient exposure and minimize retakes due to patient movement. Ideal for detailed extremity examinations when used with Ortho 100 rare-earth screens.

RADIOMAT GL

Full Speed – orthochromatic

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

RADIOMAT B PLUS

Full speed – blue sensitive

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.

RADIOMAT M

Half speed – blue sensitive

The film's high contrast and fine grain yields very sharp images. When used in combination with Blue 800 rare-earth screens, it provides up to one-half the patient exposure of full-speed blue film used in combination with calcium tungstate 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

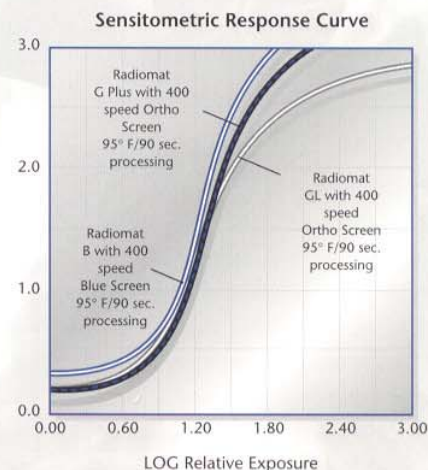
Four film types provide a choice
of sensitivity and speed

Diagnostic quality images for
each exam and application

Maximum information
with low patient dose

Compatible with existing generating
equipment, cassettes and screens

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 G Plus Film	Radiomat GL Film	Radiomat B Plus Film	Radiomat M Film
35 x 43	14 x 17	•	•	•	•
35 x 35	14 x 14	•	—	•	•
30 x 35	—	•	—	•	•
—	11 x 14	•	—	•	•
—	10 x 12	•	•	•	•
24 x 30	—	•	•	•	•
24 x 24	9.5 x 9.5	•	—	•	•
—	8 x 10	•	•	•	•
18 x 43	7 x 17	•	—	•	•
15 x 30	—	•	—	•	—
—	5 x 12	•	—	•	—
18 x 24	—	•	—	•	•
13 x 18	5 x 7	•	—	•	—

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

—	14 x 36	•	—	•	•
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NON-INTERLEAVED, Reclosable Box, CONTINUOUS SHEETS 25 sheets per box, 4 boxes per case

—	14 x 36	•	—	•	•
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• = Available

RELATIVE SPEED

Film	Intensifying Screen Type	
	Ortho 100	Ortho 400
Radiomat G Plus	100	400
Radiomat GL	—	400
Film	CaWO ₄ (par speed)	
	100	Blue 800
Radiomat B Plus	100	800
Radiomat M	—	400

**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 entries are available in both medium-high and wide-latitude contrast ranges, and achieve optimum quality performance when used in conjunction with green-emitting rare-earth screens.

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

Radiomat film is coated on a blue-tinted polyester base and exhibits excellent handling characteristics, long shelf life with low fog, in both full speed and half speed rating categories.

Handling

Film should be handled to avoid creasing, buckling and physical pressure. Handle films carefully along the edges, avoid using hand lotions prior to handling films.

Safelight Requirements

The use of an EK 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 Film can be processed in automatic processors in standard or extended cycles. The film sensitometry is designed to be optimized in RP processing systems. The recommended processing temperature in standard 90 second cycles is 95°F. All other cycles should be adjusted accordingly.

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.

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

