

RADIOMAT™ DUPLICATING FILM



HIGH FIDELITY, DIRECT REVERSAL FILM

UV and White Light Sensitive Duplicating Film

The Radiomat Duplicating Film is a high fidelity, direct reversal film for use with UV and white fluorescent light sources. The emulsion is formulated to produce outstanding duplicates by using an anti-halation opposing side coating with a wide range of density capabilities.

Sensitivity Response

One of the most important features of the Radiomat Duplicating Film is its capability of working with almost any type of duplicator because of the dual sensitivity of UV and fluorescent white light. The sensitivity response is unique in the medical x-ray field and provides greater flexibility in its use with minimal concerns on the type of exposure equipment or light source being employed.

Fidelity of Reproduction

The sensitometric response specifically addresses the need for a wide range of densities. The long, straight range of contrast provides the many varied possible densities inherent within the used diagnostic range of radiographs. This wide range of density reproduction yields highly accurate duplications and makes the film suitable for duplication of many different imaging formats including standard radiographs, extra oral, video and laser originals.

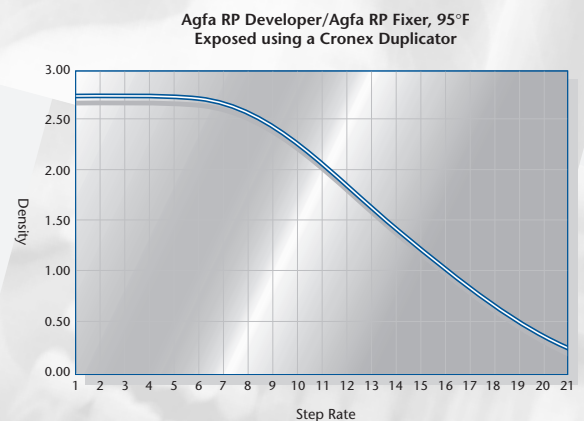
Sensitive to UV and
white light sources

Unique dual sensitivity to UV and
Fluorescent white light sources

Well suited to duplicate
radiographs, extra oral, video
and laser originals

Outstanding reproduction of
all diagnostic information

Anti-halation backing further
ensures greater duplication
accuracy of original film



Product Availability

| | | | | | | |
|------|-------|-------|-------|------|------|----------|
| Size | 14X17 | 11X14 | 10X12 | 8X10 | 5X12 | 15X30 cm |
|------|-------|-------|-------|------|------|----------|

Polyester Base

The polyester base is a blue tinted type to best reproduce and simulate the majority of original images. A clear base original will duplicate, however the clear areas on the original will become blue tinted.

Exposure and Orientation

Radiomat Duplicating Film has emulsion on one side. The emulsion side is required to face the light source and original x-ray to perform correctly. Notches are cut into the film to aid in proper orientation. When the duplicating film is held so the top notches are on the top edge and to the right, then the emulsion side is facing the user.

Safelight Requirements

The use of an EK GBX-2 (or equivalent) safelight filter is recommended. It should be utilized in conjunction with a 15-watt frosted bulb with a distance of at least four feet from the loading and unloading area.

Processing

Radiomat Duplicating Film achieves optimum results in all automatic and manual processing methods. This includes small tabletop processors and large freestanding models. It can also be processed at the same time and temperatures as your original film.

STATE-OF-THE-ART FILMS FOR TRADITIONAL RADIOLOGY

Exact and stringent processes used in the manufacture of all Radiomat imaging products ensure consistently high quality radiographs. Speed, contrast, and physical characteristics are continuously measured and improved. As a result, your final radiographs can achieve optimal image potential.

The film's sensitivity response – unique in the medical x-ray field – provides a high degree of flexibility with respect to exposure equipment and light sources. It's ideal for duplicating standard radiographs, mammographic images, video, and laser originals.

Radiomat film is coated on a blue-tinted polyester base, exhibits excellent handling characteristics and achieves optimum results using both automatic and manual processing methods.

Radiomat Duplicating Film is available through your local Authorized Distributor.

