



KODAK DRYVIEW Mammography Laser Imaging Film / 4676

1) Description

KODAK DRYVIEW Mammography Laser Imaging Film (DVM) is a high resolution, photothermographic, black-and-white film suitable for continuous-tone medical imaging. This film provides excellent diagnostic visualization of fine detail, sharp image rendition, and a cool image tone. KODAK DRYVIEW DVM Laser Imaging Film is an infrared film that is used in KODAK DRYVIEW Laser Imaging Systems.

KODAK DRYVIEW DVM Laser Imaging Film is designed to record a full range of images from FFDM (Full Field Digital Mammography), CR-Mammography, computed tomography, digital subtraction angiography, magnetic resonance imaging, nuclear medicine, ultrasound, computed radiography, digital radiography, and digitized film images.

2) Base

KODAK DRYVIEW DVM Laser Imaging Film / 4676 is coated on a blue, 7-mil polyester base support.

3) Safelight

DRYVIEW Laser Imaging Systems are designed for daylight use. Should it be necessary to open a box or cartridge of KODAK DRYVIEW Laser Imaging Film outside of the Laser Imager, use a KODAK 7B Safelight Filter / green with a frosted 7-1/2 watt bulb, located at least 1.2 m (4 feet) from the film.

4) Storage and Handling

Handling

Hands must be clean, dry and free of lotions, etc. Film should be handled carefully by the edges to avoid physical strains such as pressure, creasing, or buckling.

Storage

Store unexposed film at 50 to 70°F (10 to 20°C), at 30 to 50 percent RH, and properly shielded from x-rays, gamma rays, or other penetrating radiation. Keep exposed film in a cool, dry place that is properly shielded from penetrating radiation. Process as soon as possible after exposure. Processed film should be stored at 60 to 80°F (16 to 27°C), at 30 to 50 percent RH.

5) Sensitometric Parameters

Relative Speed (Midscale):	Measured at a density of 1.00 above gross fog.
Relative Speed (Shoulder):	Measured at a density of 2.90 above gross fog.
Contrast:	Measured as slope of the line between densities of 0.60 and 2.00 above gross fog.
Gross Fog:	Density of film base plus processing fog.
Upper Density Point (UDP):	Maximum density of film using sensitometric exposure.

6) Automated Processing

KODAK DRYVIEW DVM Laser Imaging Film is processed automatically by the thermal processor drum built into all KODAK DRYVIEW Laser Imagers. The nominal processing conditions for this photothermographic film are 122°C for 15 seconds.

7) Film Characteristics

Maximum Printed Density:	8600/8610 Laser Imager: 3.5 8900M Laser Imager: 3.6
Contrast:	3.8 (sensitometric exposure at 810nm)
Gross Fog:	≤ 0.25 (as printed in laser imager)

8) Graphs¹

Characteristic:

A) 810nm Sensitometric Exposure (4-05)

Spectral Sensitivity:

B) (4-05)

Note: The Kodak materials described in this publication for use with KODAK DRYVIEW Mammography Laser Imaging Film / 4676 are available from dealers who supply Kodak products. You can use other materials, but you may not obtain similar results.

The contents of this publication are subject to change without notice.

¹NOTICE: The data in this publication represent product tested under the conditions of exposure and processing specified. They are representative of production coatings, and therefore do not apply to a particular box or roll of photographic material. They do not represent standards or specifications that must be met by Eastman Kodak Company. The company reserves the right to change and improve product characteristics at any time.

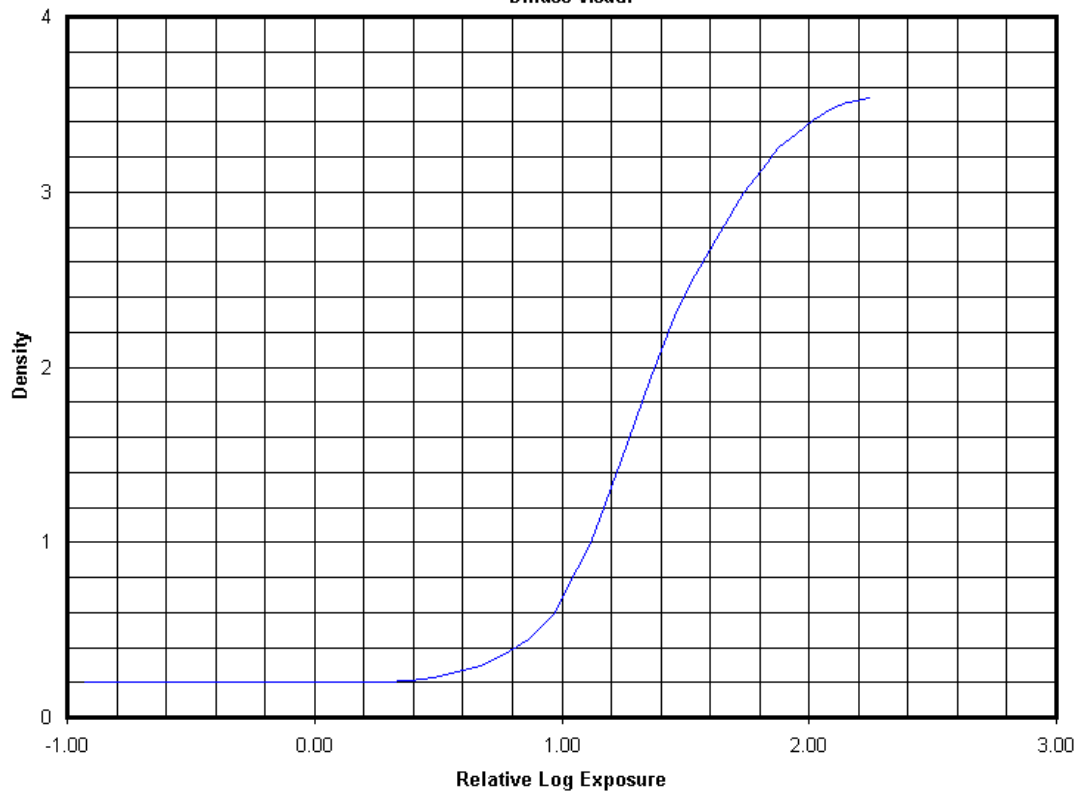
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Health Imaging
EASTMAN KODAK COMPANY - Rochester, NY 14650

End of Data Sheet

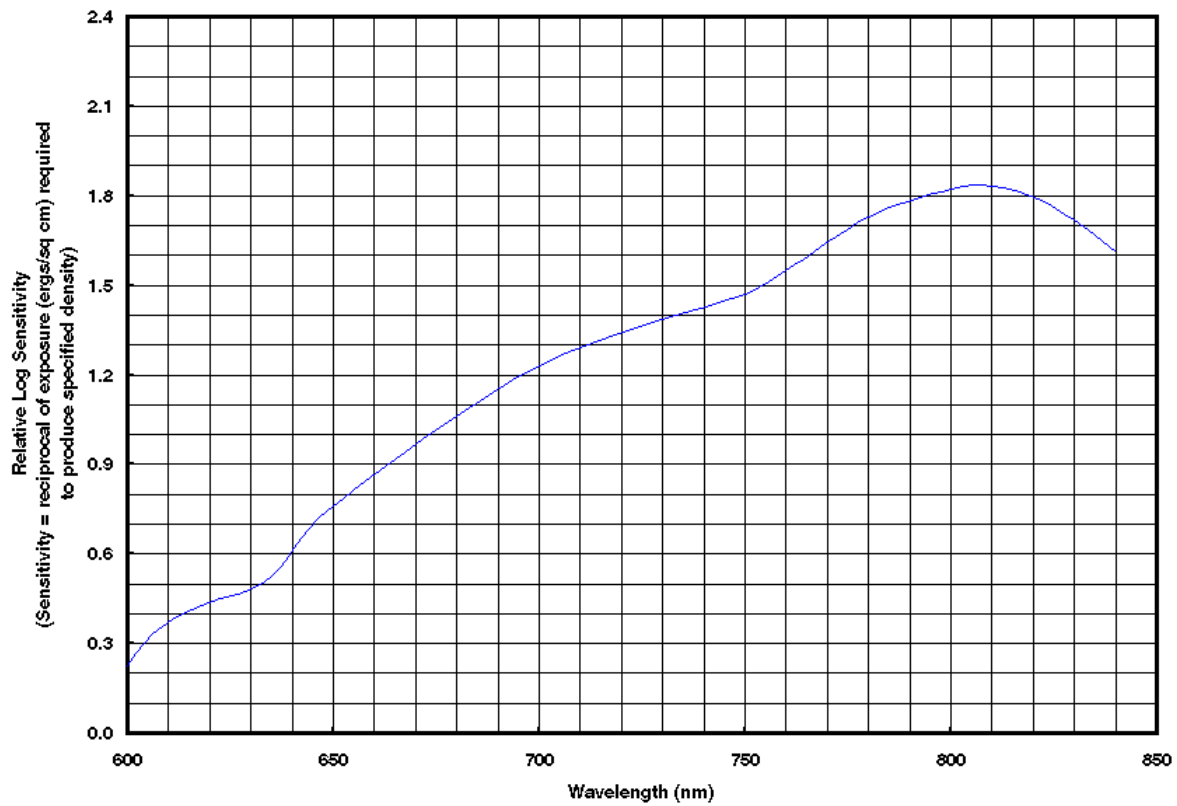
TI5024A 4-05
CHARACTERISTIC, For Publication

KODAK DRYVIEW Mammography Laser Imaging Film / 4676
810nm Sensitometric Exposure
Diffuse visual



TI5024 4-05
SPECTRAL SENSITIVITY, For Publication

KODAK DRYVIEW Mammography Laser Imaging Film / 4676
Diffuse Visual
D=1.0>D-Min



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