

## DRYVIEW DVM+ Laser Imaging Film

*Infrared sensitive photothermographic film:*

DRYVIEW DVM+  
Mammography

### 1) Description

DRYVIEW DVM+ Laser Imaging Film is a high resolution, photothermographic, gray-scale films suitable for continuous-tone medical imaging. This film provides excellent diagnostic visualization of fine detail, sharp image rendition, and a cool image tone. DRYVIEW DVM+ Laser Imaging Film is infrared sensitive film designed to be used in CARESTREAM DRYVIEW Laser Imaging Systems.

DRYVIEW DVM+ Laser Imaging Film is designed to record a full range of images from various mammography specific modalities used for mammographic diagnosis, including screening mammography.

DRYVIEW DVM+ Laser Imaging Films is coated on blue, 7-mil polyester base support.

### 2) Safelight

CARESTREAM DRYVIEW Laser Imaging Systems are designed for daylight use. Should it be necessary to open a box or cartridge of DRYVIEW SVM+ Laser Imaging Film outside of the Laser Imager, use a green safelight, ~550nm transmittance (7B type) with a frosted 7-1/2 watt bulb, located at least 1.2 m (4 feet) from the film. Light from luminous watches, cell phones and darkroom light leaks should be avoided.

### 3) 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 DRYVIEW DVM+ Laser Imaging Film at 4° to 24° C (39° to 75° F), at 30 to 50 % RH, and properly shielded from x-rays, gamma rays, or other penetrating radiation. Processed film should be stored at 16 to 27° C (60 to 80° F), at 30 to 50 % RH.

#### 4) Sensitometric Performance

##### *Sensitometric Parameters*

Maximum Printed Density (Dmax):	Maximum density of processed film when printed in appropriate DRYVIEW Laser Imager.
Contrast:	Measured as slope of the D-logE curve between densities of 0.60 and 2.00 above gross fog.
Minimum Printed Density (Dmin):	Minimum density of processed film in non-image areas when printed in appropriate DRYVIEW Laser Imager.

##### *Sensitometric Characteristics*

##### **Mammography Film**

Characteristic	DRYVIEW Laser Imager	DVM+
Maximum Printed Density (Dmax):	8900, 6800, 6850	4.15±0.15
	5850, 5950	4.15±0.15
	8600, 8610	3.50 ± 0.10
Minimum Printed Density (Dmin):	8900, 8600, 8610, 6800, 6850, 5850, 5950	≤0.25

**Notice:** While the data presented are typical of production coatings, they do not represent standards which must be met by Carestream Health, Inc. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve the product characteristics at any time.

#### 5) Automated Processing

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

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