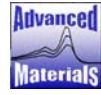




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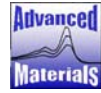
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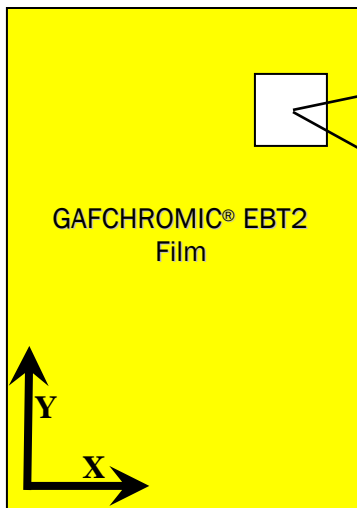
GAFCHROMIC[®] EBT2 Scan Handling Guide

February 2009



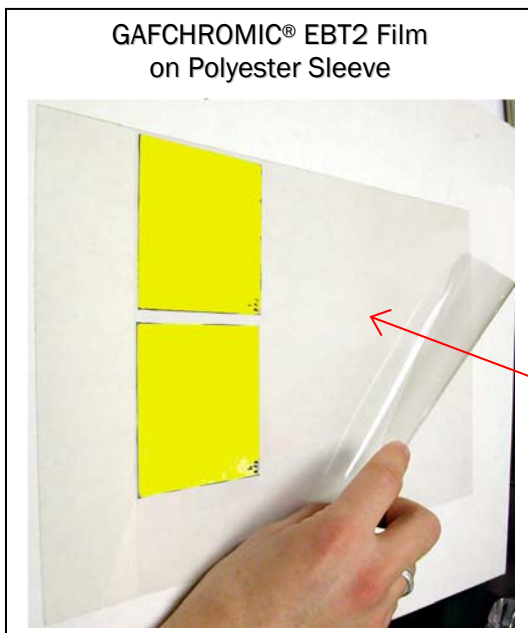
Orientation is important.

For quantitative dosimetry, it is recommended that **all** GAFCHROMIC® EBT2 films for the same analysis be scanned in the landscape orientation.



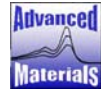
If you cut GAFCHROMIC® EBT2 film into small pieces and plan to use them for quantitative dosimetry, it is important that you keep track of their orientation with respect to the original sheet; and they should **all be scanned in the landscape orientation.**

Cutting a rectangular piece of film and placing a serial number in the upper right hand corner is an easy and effective way to keep track of the film orientation.



Scanning Small Pieces of GAFCHROMIC® EBT2 Film on VIDAR® Medical Scanners

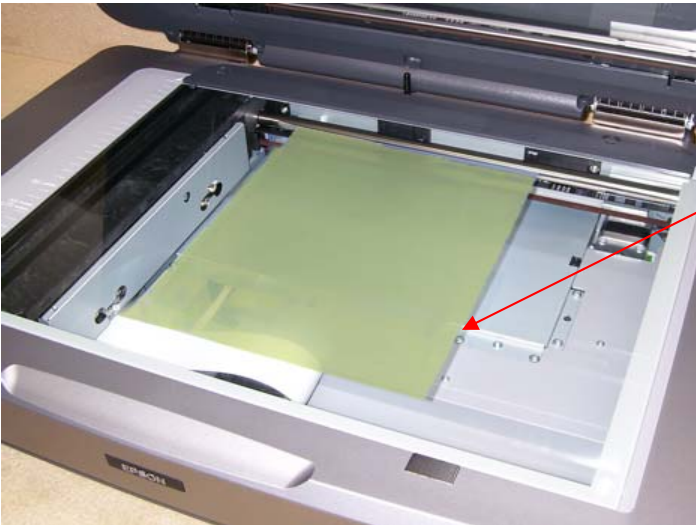
When utilizing a VIDAR® medical scanner to digitize small pieces of GAFCHROMIC® EBT2 film, you may use a GAFCHROMIC® EBT SLEEVE to keep the pieces in place and to scan them in the same plane.



Important for Flatbed Scanners

1. Position the film in the center of the scanning bed
2. Choose either landscape or portrait orientation, but **be consistent**
3. It is preferable to scan in landscape orientation and in transmission mode
4. Scan in RGB mode – best results are obtained using the data from both the red and the blue color channels.

EPSON® Expression® 10000XL Photo



If you are using an Epson® Expression® 10000XL Photo flatbed scanner to digitize your films for quantitative film dosimetry, place the films at the center of the scan area. **Ensure that all the films are positioned exactly at the center of the scanning bed and scanned in the same orientation.** The film scan area and image resolution must also remain consistent to ensure accurate results.

EPSON® Expression® 10000XL Photo (with the EBT-EASEL)

The GAFCHROMIC® EBT-EASEL is designed to position the GAFCHROMIC® EBT2 film in the center of the scan bed. Please install the **transparency guide** that is supplied with the scanner. The **easel** should be aligned against the **reference point** on the transparency guide.





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VIDAR® DosimetryPRO® Advantage (Red)

If you are using a VIDAR® DosimetryPRO® Advantage (Red) to digitize your films for quantitative film dosimetry, insert the film in a clear polyester sleeve and place the sleeve in the **landscape** view. **Scan all films in the same position and orientation.** The film scan area and image resolution should remain consistent to ensure accurate results.



If you find inconsistencies in your collected data, please contact us IMMEDIATELY at 1-877-591-7884.

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