

# FILMGUARD™

U.S. PATENT #6,712,994

FilmGuard is a unique film cleaner/conditioner manufactured by Film-Tech. It was designed to have an almost nonexistent vapor level, and as such will not evaporate unlike other film cleaners and conditioners on the market. This is to allow FilmGuard to form a thin coating of lubricant on the surface of the film, providing protection from scratching and dirt accumulation, as well as giving your presentations a true "wet gate" image. FilmGuard will also virtually eliminate static problems such as "brain wraps".

With this in mind, please remember that FilmGuard is very concentrated and there *is* such a thing as "too much" FilmGuard "too fast". Resoaking the cleaning pads between shows or more than once a week is NOT recommended, as the film can only absorb so much FilmGuard at a time. As such, "more" is not always "better". While FilmGuard can be applied in almost any fashion, the ideal method is to form a thin layer of consistent thickness. It is for these reasons we recommend cleaning via the Kelmar and Christie dry web media cleaners most theaters already possess to be the ideal method for application.

Further detailed instructions may be found online at [www.film-tech.com](http://www.film-tech.com) at the "PRODUCTS" link.

## BASIC OPERATION INSTRUCTIONS

**STEP 1 Wind new media over to the keyed couplers.** Three plastic couplers are supplied with each bottle of FilmGuard. This task is accomplished easiest by utilizing the two supply shafts on a media cleaner, winding directly from a new roll to an empty coupler. This will enable you to reuse the media. Note that if you are using Film-Tech brand media pads, you may skip this step as Film-Tech media pads come pre-wound onto these couplers.

**STEP 2 Load the media onto the cleaner.** Make sure you securely fasten the head end of the media to the take-up core with "invisible" or "Magic" tape. (The use of masking, transparent, painter's or artist's tape will leave a gummy residue on the cores and may slip during operation.)

**STEP 3 Wet the media pads with FilmGuard.** Do NOT "dunk" the pads into a container of FilmGuard. Instead, BEFORE you mount the cleaner to the platter or projector take the bottle of FilmGuard and press the tip of the sprayer **against** the fresh rolls of media, applying enough FilmGuard to completely wet the pads, preferably to the point where a drop or two falls off the pads. The reason for pressing the tip directly against the pads is to prevent the FilmGuard from spraying onto the cleaner and surrounding areas, and the reason for completely wetting the pads is to ensure a smooth and even application of FilmGuard throughout the film print without having any "dry spots" within the roll. You are now ready to run.

**STEP 4 Reset the media between shows.** Should you be running a short movie where it is possible to run two or more shows without rewinding the pads, please refrain from doing so. Again, there is such a thing as "too much, too fast". At the end of the show, remove the supply caps from the cleaner and loosen the take-up thumbscrews a couple of revolutions so the takeup cores can spin freely. Insert the end of an extra keyed coupler into the coupler that the supply roll of media is wound onto, and rewind the pads back to the start. Now tighten down the take-up shafts, replace the supply roll caps and you are ready for another run of the film.

***Do not forget to retighten the take-up shafts after rewinding or the media will not advance!*** Also, be sure to have at least one full revolution of media around the takeup core to ensure that the media grabs and advances properly. Repeat this quick procedure for every pass of the film through the cleaner and ensure that the media never "runs out" during a show by using media pads of sufficient length.

**STEP 5 Change your cleaning pads weekly.** Once a week thereafter (except under special circumstances as noted in the online support), change out the media pads with new pads and soak with FilmGuard in the same manner as detailed in the four steps above.

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**NOTES: If you do not have a film cleaning machine to dedicate to each print or will need to apply the product in another fashion,** various recommendations may be found online at our website. Please go to [www.film-tech.com](http://www.film-tech.com) and click on "PRODUCTS".

**NOTES: "Streaking" is normal.** Light streaking that resembles vertical lines of water on the projected image is normal on the first pass or two. This may be minimized by wetting the cleaner a few hours, or the night before your first cleaning pass. Please consult the online detailed support for more specific information on this and other various tips when using this product. Please go to [www.film-tech.com](http://www.film-tech.com) and click on "PRODUCTS"

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We thank you for your interest in providing the highest possible presentation by using FilmGuard.

If there are any questions unanswered by the online support pages, please email us at the address in the "contact us" link of

[www.film-tech.com](http://www.film-tech.com)

FilmGuard and Film-Tech Media Pads are made in the USA from US materials.