

## DeWAL® UHMW Films Shelf Life, Storage & Handling

Best practices for shelf life, storage, and handling of DeWAL® UHMW Films are critical in preserving product integrity. This Application Note will give you a few tips to help maintain product quality and ensure optimal material performance.

### What is the shelf life of UHMW films?

The shelf life of DeWAL UHMW films is dependent on the storage conditions under which the material is kept.

When stored under the correct conditions, the material will perform as intended.



### Shelf Life of DeWAL UHMW Films without Adhesive

DeWAL UHMW Films show little to no physical degradation for long periods, making them a stable and reasonable material to stock.

DeWAL UHMW Films are shelf stable. If they are stored under the appropriate conditions the product will function as intended. Storage conditions are critical to material performance.

The shelf life may vary once the material has been altered or kept in extreme storage conditions.

Due to factors beyond the control of Rogers, the warranty for DeWAL UHMW films is one year from the date of manufacture.

### The Best Way to Store DeWAL UHMW Films

- Store in a location with minimal exposure to sunlight
- UV rays can degrade DeWAL UHMW films without UV Stabilizer
- Store in an environment of 16°C to 27°C (60°F to 80°F) and relative humidity of 40% to 75%
- For best performance, store the material in original packaging for as long as possible

## What happens if I have product that is past its shelf life?

If you have a product that is past its recommended shelf life, the material may be tested to verify the integrity of its physical properties, such as tensile strength and elongation.

The suggested course of action is comparing the physical properties test result values to the values listed on the Technical Data Sheets. Depending on the application requirements, and if no significant degradation of properties occurred, the material may still be utilized past its recommended shelf-life date. Consult with a Rogers Sales Engineer to discuss test methods, results, and recommendations for your specific case.

## Key Takeaways

- Ensure optimal DeWAL UHMW Film performance by adhering to its shelf-life date and best storage practices.
- Using DeWAL UHMW Film past its shelf-life date may result in the degradation of physical properties, so testing is recommended to verify the product integrity.
- Contact a Rogers Sales Engineer to review test methods/results, storage recommendations, or for any questions.