

DeWAL® Pressure Sensitive Tapes Shelf Life, Storage & Handling

Best practices for shelf life, storage, and handling of DeWAL® pressure sensitive tapes 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 DeWAL pressure sensitive tapes?

The shelf life of tapes is important to know as it guarantees product performance, safety, and quality during that time period.

The shelf life of pressure sensitive tapes depends on many factors, including whether the material was slit, how it was packed, and how it was stored (humidity and temperature control).



Shelf Life of DeWAL Pressure Sensitive Tapes

DeWAL pressure sensitive tapes have a significantly shorter life than PTFE and UHMW Films without adhesive.

If stored at standard conditions, the shelf life for DeWAL Pressure Sensitive Tape products is 12 months from date of lamination for acrylic and silicone-based pressure sensitive adhesives

What is the best way to store DeWAL pressure sensitive tapes?

- For best performance, keep in original packaging for as long as possible
- Store in an environment of 10°C to 21°C (50°F to 70°F) and relative humidity of 40% to 60%
- Store the material out of direct sunlight

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 adhesion strength.

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 material performance by adhering to its shelf-life date and best storage practices.
- Using pressure sensitive tapes past their 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.