

## Technical Bulletin

Polyvinyl Alcohol (PVOH) Film is sensitive to temperature and relative humidity (RH). Users should monitor and control room conditions during storage and film conversion.

### Storage

Polyvinyl Alcohol Films are sensitive to ambient temperature and relative humidity. The film should be stored in its original air-tight protective wrap. Prolonged exposure to extremes should be avoided. Recommended storage conditions are 5 - 25°C (41 - 77°F) and 20 - 50%RH. The film should be conditioned in the protective wrap at the temperature of the converting environment for 48 hours prior to use.

For additional information, contact MonoSol Technical Service.

### Shelf-Life

Polyvinyl Alcohol Film reels should be used within 1 year after the date of despatch. Polyvinyl Alcohol Film reels should be stored at the recommended conditions and in the original packaging (with no damage).

MonoSol recommends a "first in, first out" storage policy so that excessively aged inventory is avoided.

For additional information, contact MonoSol Technical Service.

### Conversion

The recommended conversion room conditions are 23°C (+/-3°C) and 35% (+/-5% rH).

Once removed from the moisture barrier wrapping, the film will gain moisture when exposed to air of higher relative humidity. Similarly, the film will lose moisture when exposed to air of lower relative humidity. The change in film moisture will depend on difference in RH, exposure time and air flow.

If the film is not completely used during conversion, the film should be repackaged in the airtight moisture barrier wrapping (typically HDPE) and stored properly until resuming conversion.