

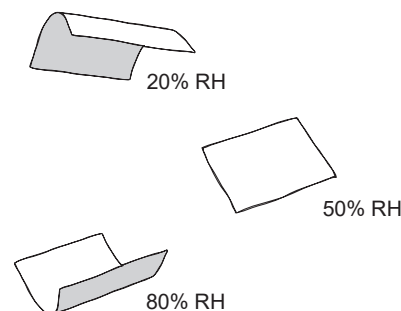


Layflat can be a balancing act

Important things to know about layflat films:

Humidity

With Spinnaker's layflat films, you have a film facestock and a paper liner. Paper liner can give off or absorb moisture from the surrounding environment depending on humidity levels, while a film facestock is stable. This can cause significant curl, both in low humidity and high humidity conditions. It is imperative to consider your press room environment and how it may affect the product. To properly maintain layflat, a controlled environment near 50% relative humidity is essential.* Packaging and storage of both unconverted and converted material is important at both the label printer and end user.



Varnish

The choice of varnish is critical to layflat applications, as some can cause curl as they cure or dry. Some can also cause issues with feeding and stacking if the coefficient of friction is not compatible with the liner.

Static

For best results, convert layflat film constructions with a static control set-up on your press; this will help with jogging, stacking, and packaging.

Sheeting

Sheeting films can be tricky. Our layflat film constructions have a rougher liner to keep air in between the sheets, which combined with the liner's increased bulk and stiffness, helps in stacking and packaging of sheeted material.

Release

The release on these products is slightly higher since they are designed for use on hand-applied roll-to-sheet applications.

*Spinnaker guarantees layflat at 50% RH and 23°C, as per TAPPI Standard T402. The specification used for our layflat film products allows up to 1/2" cross direction curl to the face and 3/4" cross direction curl to the liner. Use of a breaker bar on press can also aid in achieving machine direction layflat.

With layflat constructions, environment is key. If you need help navigating this type of application, call our Technical Consulting Hotline at 877.210.5104 or your Account Manager at 800.543.9452 for help.