

PRINTED PRODUCTS

Guidelines for Successful NeoClad® Lamination

You will find that using NeoClad is really no different than the PVC you are currently using on your membrane press(es).

NeoClad requires no additional setup or materials, and uses the same amount and type of adhesive as PVC. The key, like PVC, is adhesive activation.

The difference is NeoClad is more durable than PVC. It has superior adhesion, provides a stronger bond to any three-dimensional substrate and it resists delamination better than PVC. NeoClad is also more cost effective to use – saving you time and money in your production process.

Testing and prior production experience has shown that NeoClad can significantly reduce cycle times since CFC's material takes less time to conform. NeoClad also performs better than PVC, producing less edge delamination than PVC. In addition, prior testing press settings for NeoClad were similar to PVC as follows:

Preheat:	10 seconds
Vacuum:	30 seconds / full vacuum
Pressure:	48 seconds (using silicone membrane – 3-4 bar)
Cool down:	37 seconds (only applicable if membrane is used)
Platen temperature:	310° F / 155° C
Membrane temperature:	230° F / 110° C

Note: Regardless of your presses' individual settings and cycle, it is important that a typical glue line temperature of 170° F / 91° C be achieved.

CONCLUSIONS

NeoClad is more durable than PVC. It adheres better. It resists delamination better. It is a cost effective solution.

Take a look at comparison testing. Sample it. Use it. See for yourself how this non-PVC laminate is a superior substitute to PVC.

With the introduction of NeoClad, CFC is capable of delivering a full range of decorative coatings to meet all of your laminate and hot stamping film needs. Let CFC become your source for customer-focused solutions.



