

## UV Light Curing Adhesives

Made exclusively by Dymax, for use with the Simpl-Seal® UV sealing system.

Partner Pak supplies Simpl-Sealant® adhesives (manufactured by DYMAX) for sealing PET, RPET, PVC and PLA plastic packaging using our patented Simpl-Seal® UV light sealing technology. This includes the NEW ground-breaking, patent-pending 3083T-B2C adhesive which changes color (from blue to transparent) when a clamshell or blister is properly sealed.



### **Simpl-Sealant® PVC-3081**

PVC-3081 (Viscosity 500cP) is a single component curing/laminating adhesive formulated to cure when exposed to ultraviolet light. It is primarily designed to adhere to PVC and PLA films typically used for clamshell packaging. Upon cure, PVC-3081 adhesive demonstrates a crystal clear and resilient bond line that resists thermal shock, vibration and impact resistance.

For special applications, PVC- 3081-T is also available. (Higher viscosity -- 6,000cP)

### **Simpl-Sealant® PET-3083**

PET-3083 (Viscosity 550cP) is the newest addition to our line of Simpl-Sealant® PET adhesives. PET-3083 PET adhesive demonstrates structural adhesion to R-PET, PET and A-PET films. Cured bond lines of PET-3083 can be characterized as hard with high tensile shear strength cohesion. Cured bond lines are transparent and are well-suited for use with all Partner Pak applicators. Cure speeds beyond 30 feet per minute can be achieved in conjunction with the Simpl-Seal curing systems. For special applications, PET-3083-T is also available. (Higher viscosity -- 3,500cP)

**NEW! - Simpl-Sealant® PET-3083T-B2C** (Viscosity 3,500 cP) Patent pending  
Creates strong bonds to thermoformed PET, APET & RPET. PET-3083T-B2C changes color from blue to transparent when exposed to UV light during the sealing process, thus providing placement and process verification. When properly cured and washed, PET-3083-B2C meets the extraction requirements of FDA 21 CFR 177.2600, and has been tested for repeated use in contact with aqueous foods (by extracting with distilled water), and with fatty foods (by extracting with n-Hexane). *Please note that the FDA requires every manufacturer to evaluate the levels of extractables when fully cured and washed in their own manufacturing environment.* PET-3083-B2C (lower viscosity) is also available.

Material Safety Data Sheet (MSDS) information is furnished upon request.