

PLASTIC COATING

**ROBUST, CUSTOMIZED, HIGH INTEGRITY PACKAGING
FOR HIGH VALUE AND DISTINCTIVE PRODUCTS**





Set your product apart from the competition with a **packaging solution that reflects and preserves its quality.**



SGD Pharma’s plastic-coated glass packaging combines the proven qualities of glass with the added strength of plastic, delivering a robust, premium and fully customizable solution for pharmaceutical applications.

The plastic coating enhances mechanical resistance and significantly reduces the risk of shattering and injury, while helping protect product integrity and extend shelf life. At the same time, it offers new design and branding opportunities, combining enhanced protection with a distinctive visual identity.

Why glass

- ☐ Is natural
- ☐ Is impermeable
- ☐ Has unrivalled barrier properties
- ☐ Has extremely low levels of extractables
- ☐ Is a safe material

Plastic coating adds

- ☐ **Unsurpassed versatility** with respect to design, color and feel
- ☐ **Resistance to mechanical shock**
- ☐ **Additional protection from light degradation** coatings may be opaque, or transparent with a UV filter

*The color spectrum for yellow, blue & white are compliant with American & European pharmacopeia as the light transmission through the glass does not exceed 10% in the range of 290-450nm wavelengths.

Tailored packaging

SGD Pharma offers a wide range of pharmaceutical-grade glass containers suitable for plastic coating, including Alpha bottles, droppers, aerosols and tablet bottles. Coatings are available in an extensive range of colors, enabling distinctive, fully customized packaging aligned with your brand.

Plastic coating is available for:

- ☐ **Alpha bottles**
From 30ml to 500ml
15ml for single dose bottle
- ☐ **Droppers**
- ☐ **Aerosols**
- ☐ **Tablet bottles**

Make your packaging unique

Complete your packaging with a range of decoration and customization options designed to strengthen brand identity, enhance shelf appeal and communicate essential product information. From direct printing to labels and sleeves, each solution can be tailored to your specific branding and communication needs.

- ☐ **Pearlescence**
- ☐ **Frosted**
- ☐ **Transparent**
- ☐ **Opaque**
- ☐ **Glossy**

Decoration, branding and or product information are applied using UV ink silkscreen printing. After printing, the product cures in the oven for a few seconds. The product is decontaminated and shrink wrapped prior to visual check, storage and/or shipping.

Screen Printing

Complete your packaging with screen printing, using 1 to 3 colors of UV ink to add decoration, branding, instructions and legal information—eliminating the need for additional labels.

Alternatively, labels or shrink sleeves can provide extra information and further strengthen your brand identity. The result is a robust, optimized packaging solution that truly represents your brand.

Protection from light and oxygen

Compliant with regulation for pressurized aerosols (EU Directive 75/324/CEE)

Improve patient experience



Enhanced customer safety in case of breakage

High resistance to mechanical shock

Apply easily clear labeling

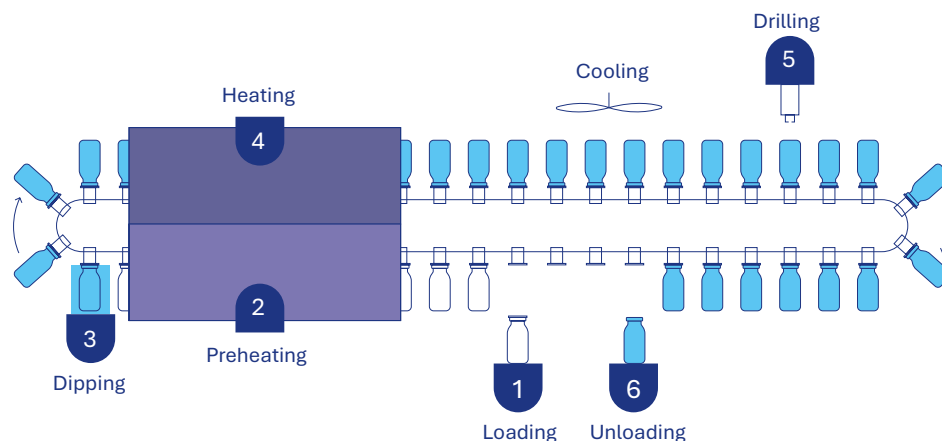
Control and inspection

SGD Pharma deploys state-of-the-art analysis, control and inspection to ensure optimal and consistent product quality. Our systems include:

- **rigorous quality assurance**
- **online, automated weight control and dip level inspection**
- **extensive manual sampling and mechanical testing**
- **a comprehensive visual inspection regime**

Perfecting the plastic coating process

The plastic coating process combines precision and durability. Bottles are preheated, dipped in PVC and fired at high temperature to create a tough, stable and resistant coating. The coating is then drilled for safe gas release before the bottles move on to printing.



For more information, please visit our website
www.sgd-pharma.com