

## ACGcaps™ GL

Make it better.

G GELATIN

**A gelatin capsule for liquid filling.**

ACGcaps™ GL is a specially-created gelatin capsule for containing liquids. Designed to accommodate multiple active ingredients, ACGcaps™ GL is an excellent choice for low dose / high potency, low-solubility drug substances that are known to pose formulation challenges. This capsule can help fast-track to market even your most challenging APIs.

**Key features**

- / Ideal for liquids, semi-solids, pastes, hot-melts and gels
- / Can also hold tablets, pellets, capsules (or combinations thereof) in liquid
- / Can accommodate ingredients at temperatures up to 70°C
- / Secure and tamper-proof band sealing with colours to enhance product appearance
- / Addresses the bioavailability challenges of poorly water-soluble drugs (such as BCS Class II and IV compounds)
- / Helps resolve the formulation challenges of low dose / high potency and poorly water-soluble drugs thereby enhancing bioavailability
- / Liquid-filling reduces the risk of airborne cross-contamination associated with powder filling as in the case of HPAPIs (highly potent active pharmaceutical ingredient)



## Why choose ACGcaps™ GL over soft gelatin capsules?

### Exceptional performance at high temperatures

Like softgels, ACGcaps™ GL is ideal for filling non-aqueous liquids, semisolids, and hotmelts. However, unlike softgels, you can fill our capsules up to temperatures of 70°C.

### Accelerated product development and scalability

Creating new products with soft gelatin capsules requires simultaneous shell formation and filling. However, with our two-piece design, one simply needs to fill a premade capsule.

### Customisable for optimal patient compliance

Our advanced colour and printing capabilities offer enhanced patient compliance through customisable capsule identification. Printing on softgels is far more limited.

### More versatile and efficient filling

ACGcaps™ GL can be filled with combinations of microtablets, capsules and liquids. This is impossible with softgels, and greatly simplifies formulation design and production.

### Perfectly leak-proof

Traditionally, softgels were used to contain liquids. However, advances in technology now allow ACGcaps™ GL to be perfectly sealed, while all the benefits of a hard shell solution are maintained.

### Suitability of the viscosity of the fill

- / 100 to 2,000 cps – recommended range (which can be extended by modifying the ambient temperature)

### Technical specifications

- / Moisture content: 13.0% to 16.0%
- / Disintegration time in water at 37 ± 2°C: Maximum 15 minutes (with guided disc)



This certification is applicable to certain colours and / or variants.