

PHARMACEUTICAL CAPSULES

ACGcaps™ GL

G GELATIN



Make it better.

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 $37 \pm 2^\circ\text{C}$: Maximum 15 minutes (with guided disc)



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