

Uniquely designed for double-blind clinical trials.



IMPROVE PATIENT COMPLIANCE



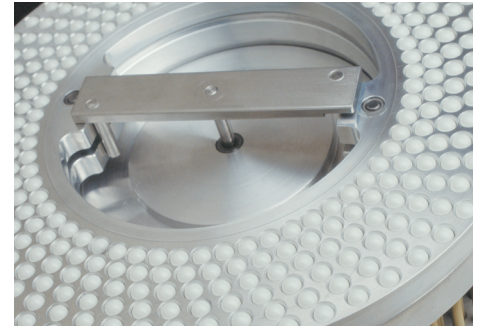
DBcaps® capsules are shorter than standard-size capsules, making them easier to swallow. This may contribute to increased patient compliance levels, particularly when multiple daily doses are required.

REDUCE BIAS

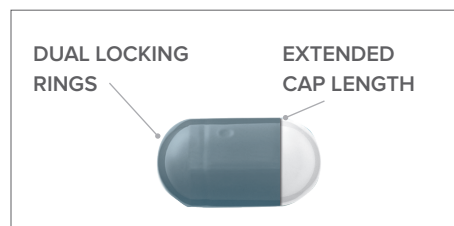
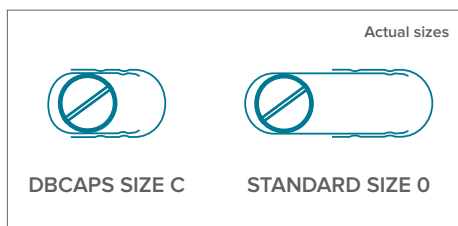


The extended cap length of DBcaps capsules completely covers the side wall of the capsule body, making it virtually impossible to open the capsule without causing visible damage. A dual locking ring design provides a full-circumference, leak-free closure.

RETAIN COMPARATOR SHAPE



DBcaps capsules are available in eight different sizes to best accommodate a wide range of comparator shapes and sizes without having to grind or alter the comparator. With no need to modify the comparator, the clinical materials manufacturing process is simpler, and the risk of bioequivalence issues is significantly reduced.

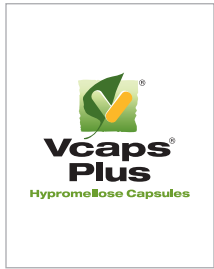


8 sizes in gelatin and 3 sizes in hypromellose (HPMC) encapsulate up to 90% of the most common tableted drugs.



All-in-one approach to clinical materials manufacturing.

As a leading global supplier of over-encapsulation capsules, Capsugel offers comprehensive solutions for clinical trial professionals, including a complete line of DBcaps capsules, multiple filling systems, and full technical support.



DBcaps Capsules Available in HPMC

Low moisture DBcaps capsules in HPMC are ideally suited for hygroscopic or moisture sensitive encapsulated products. With no animal-derived components, DBcaps in HPMC address a broad array of patient dietary needs and preferences along with reduced regulatory documentation, as well as eliminating the potential for cross-linking. With an in-vitro disintegration and dissolution profile similar to gelatin, the capsules have been proven comparable to gelatin in a new in-vivo study.

Globally Approved Color Selection



WHITE
OPAQUE



SWEDISH
ORANGE OPAQUE



GRAY
OPAQUE



CARAMEL
OPAQUE



YELLOW
OPAQUE

DBcaps capsules can be custom formulated in a wide array of colors. For convenience, five standard color formulations have been developed that utilize globally accepted colorants and that provide sufficient opacity to ensure blinding.

High-Speed Production Capability

DBcaps capsules can be filled on most automatic and semiautomatic capsule filling machines, as well as on selected manual filling machines. Capsugel's staff of field engineers is always available to provide technical assistance for filling DBcaps capsules.

Fast Delivery to Meet Urgent Timelines

Capsugel stocks many sizes for immediate shipment. Custom packaging options are also available.



Now in Fiber-Free cGMP Packaging

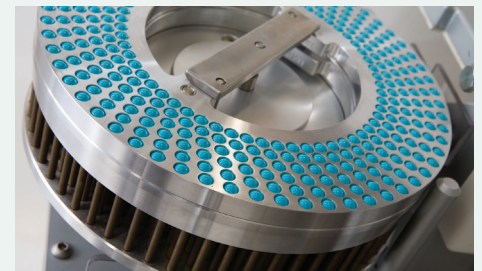
Now all DBcaps capsules are shipped in fiber-free, corrugated polypropylene containers. DBcaps capsules will arrive in a sturdy, recyclable box that is antistatic incorporated. This leading-edge pharmaceutical practice allows pallet or carton entry into cGMP environments. Polypropylene is insoluble in water, can be wiped with alcohol, and replaces the need for transferring from fiber to fiber-free containers. It may reduce labor costs associated with manual handling, simplifies restocking and eliminates relabeling activities. A locking bottom with a protective pad ensures secure containment as soon as it arrives.

Adding innovation to clinical trials

Capsugel offers the Ultra™ III Capsule Filling Machine, which when combined with the TFR 8 Tablet Ring allows for the insertion of tablets into capsules, thereby helping to automate the overencapsulation process.



Ultra™ III Semiautomatic Capsule Filling Machine



TFR 8 Tablet Filling Ring

For more information

Visit Capsugel.com or contact your Capsugel representative at 800-845-6973.