

Empty Capsule Size										
Capsule Size	000	00E	00	0E	0	1	2	3	4	5
Empty Capsule Weight (Gelatin)										
Average Weight (mg)	158	143	123	107	99	76	61	48	38	28
Tolerance	±10	±10	±7	±7	±6	±5	±4	±3	±3	±2
Empty Capsule Weight (Vegetarian)										
Average Weight (mg)	163	152	136	107	105	79	63	50	40	30
Empty Capsule Weight Capacity by Formulation Density (mg)										
Formulation Density										
0.6 g/ml	822	600	540	468	408	288	216	162	120	78
0.8 g/ml	1096	800	720	624	544	384	288	216	160	104
1.0 g/ml	1370	1000	900	780	680	480	360	270	200	130
1.2 g/ml	1644	1200	1080	936	816	576	432	324	240	156
Empty Capsule Overall Closed Length										
(mm)	26.1	25.3	23.4	23.5	21.6	19.4	17.6	15.7	14.3	11.1
Tolerance (mm)	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3	±0.4
inches	1.029	0.996	0.921	0.909	0.85	0.764	0.693	0.618	0.563	0.437
Tolerance inches	±0.012	±0.012	±0.012	±0.012	±0.012	±0.012	±0.012	±0.012	±0.012	±0.016
Empty Capsule Individual Lengths (Body)										
Body (mm)	22.20	22.20	20.22	20.19	18.35	16.40	15.15	13.45	12.10	9.30
Tolerance	±0.35	±0.35	±0.35	±0.35	±0.35	±0.35	±0.35	±0.35	±0.35	±0.29
Body (inches)	0.879	0.879	0.796	0.795	0.722	0.645	0.596	0.529	0.476	0.366
Tolerance	±0.014	±0.014	±0.014	±0.014	±0.014	±0.014	±0.014	±0.014	±0.014	±0.012
Empty Capsule External Diameter										
Cap (mm)	9.91	8.58	8.56	7.65	7.64	6.96	6.39	5.85	5.33	4.91
Cap (inches)	0.390	0.338	0.337	0.301	0.301	0.274	0.252	0.230	0.210	0.193
Body (mm)	9.55	8.25	8.23	7.36	7.35	6.63	6.12	5.6	5.08	4.68
Body (inches)	0.375	0.376	0.322	0.289	0.289	0.290	0.240	0.220	0.200	0.184
Empty Capsule Quantity Per Case										
Capsules Per Box	50,000	65,000	75,000	90,000	100,000	125,000	175,000	200,000	250,000	350,000

- Capsule Weight - The total weight of the capsule, measured in milligrams (mg).
- Volume Capacity - The total volume of the inside of the capsule in milliliters (ml) - Note 1 milliliter(ml) = 1 gram(g).
- Weight Capacity by Formulation - The total weight capacity of the capsule measured in milligrams(mg) depending on the density of your formulation.
- Overall Closed Length - The total length of the capsule when it is fully closed and locked.
- Individual Lengths - Measures both the body and the cap of the capsule's in both millimeters and inches. The Body is the longer part of the capsule that is filled with your material. The Cap is shorter than the body and is placed over the body to form a complete capsule.
- External Diameter - The total diameter of both the body and the cap.
- Tolerance - The allowable variance in dimensions that is allowed prior to a product being considered flawed and/or unfit for sale.



Kosher and Halal Certified	✓	✓	✓
Non GMO certified		✓*	
No preservative, prions or BSE	✓	✓	✓
Gluten Free	✓	✓	✓
100% bovine hide	✓		
Made with HPMC		✓	✓
Dissolution Speed	Normal	Medium	Slow

Choose Empty Capsules by Size & Capacity

Capsule Size GUIDE					
Capsule Size	Aprx. Mg. per Capsule Size	Aprx. Teaspoons per Capsule Size	Large Size	Medium Size	Small Size
SIZE 000	800 - 1600	0.16 - 0.32	✓		
SIZE 00	600 - 1100	0.12 - 0.22	✓		
SIZE 00E	600 - 1200	0.12 - 0.24	✓		
SIZE 0E	462 - 924	0.09 - 0.18		✓	
SIZE 0	400 - 800	0.08 - 0.16		✓	
SIZE 1	300 - 600	0.06 - 0.12		✓	
SIZE 2	200 - 400	0.04 - 0.08		✓	

Capsuline Custom Capsule Services

Customize your Capsules



Customization Includes:



Capsule Imprinting – All sizes, colors and varieties of capsules can be custom-imprinted with your brand's logo, dosage, or other desired message.



Capsule Size – While the biggest decision factor in choosing a capsule size must be volume capacity, you can always choose to use a larger capsule than necessary for branding purposes. From the large size 000 capsules all the way down to the small size 5 capsules, a full range of capsule sizes is available.



Capsule Colors – We can match any pantone color you provide in both gelatin and HPMC based capsules. We can also produce pearlescent colors.



Capsule Flavors – We can produce capsules in a wide variety of custom flavors. These are very popular with consumers because they taste and smell delicious. If your product has an unpleasant taste or odor, flavored capsules can mask that taste and odor to make your product more appealing than your competitors' offerings.

Please fill out the form below. (Include capsule quantity and a detailed description of your project)

Name Email

Phone Number

Message

Send



Printing

Printing of the capsule opens up greater possibilities for uniquely identifying the pharma products by adding information viz.:

- **A company or brand logo**
- **A brand or product name**
- **Dosage details**
- Printing helps to put checks on production of spurious drugs to a great extent and also an additional benefit of **reducing the risk of medication errors.**

Ensuring your customer, of your drug authenticity it provide your brand, the visual edge it needs to cut spurious drug manufacturers. "Another option that enables further customization is to use different combinations of ink colors. Note that only edible inks are used for printing two-piece capsules, and these inks are all manufactured using pharmaceutical grade raw materials.

We offer several types of capsule printing options:

AXIAL PRINT

The printed copy appears lengthwise along the capsule, with a 42 printed surface capability

SPIN PRINT

The printed copy appears across the circumference of the capsule, which allows 320 of capsule surface to be imprinted.

Quality:

GELATIN

- We use 100 % Bovine Gelatin, which is BSE / TSE free.
- We use EDQM Certified Gelatin.
- Source Gelatin from best suppliers.

ENSURING PRODUCT QUALITY

- A firm believer in the philosophy of Total Quality Control Management, the company has evolved the culture of systematic production that eliminates errors in every stage of production. Capsule production being a continuous process, representative samples are regularly tested for physical defects length, dome, double wall thickness, moisture content, colour shades, weight variation and other relevant parameters.
- Very stringent in-house process and AQL (Accepted Quality Level) norms to ensure best quality products to all consumers.

PACKAGING

To maintain the highest quality we re-inforce our packing in many ways.

Packing :

- Standard: Capsules put in air bubble bag, then insulated with appropriate thermocol lining and finally packed with 5 ply corrugated boxes.
- Special: 30 mm thermocol box along with double Air bubble bag and 5 ply corrugated box.

Capsules being sensitive products, we recommend storage between temperatures of 15 C to 30C and RH between 40% to 65%.

Standard Pkg. Size	Qty. (100,000)
"00"	0.75
"0"	1.00
"1"	1.25
"2"	1.50
"3"	2.00
"4"	3.00

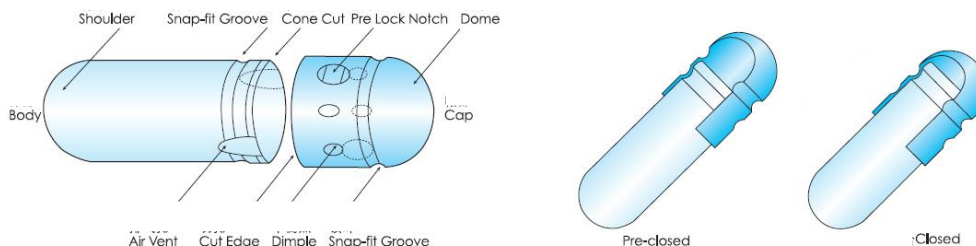
TRANSPORTATION

- Dedicated reefer trucks used for delivery all across India.
- Reefer containers are used for transportation all around the world.
- Factory stuffing for all export containers.

TECHNICAL SPECIFICATION

DIMENSIONS OF HARD GELATIN CAPSULE SHELLS

Product Structure



OUTSIDE DIAMETER TABLE

Size	Cap (mm)	Body (mm)
00	08.49 – 08.61	08.16 – 08.28
0	07.60 – 07.72	07.28 – 07.40
1	06.87 – 06.99	06.57 – 06.69
2	06.31 – 06.43	06.02 – 06.14
3	05.77 – 05.89	05.50 – 05.62
4	05.27 – 05.39	05.01 – 05.13
1 el	06.85 – 06.97	06.57 – 06.69

Measure with calibrated diameter gauge

LENGTH TABLE

Size	Cap (mm)	Body (mm)
00	11.30 – 12.30	19.70 – 20.70
0	10.20 – 11.20	18.00 – 19.00
1	09.30 – 10.30	16.10 – 17.10
2	08.50 – 9.50	14.70 – 15.70
3	07.60 – 8.60	13.10 – 14.10
4	06.70 – 7.70	11.70 – 12.70
1el	10.03 – 10.95	17.24 – 18.16

Measure: with calibrated Vernier Calipers

DOUBLE WALL THICKNESS TABLE

Size	Cap (mm)	Body (mm)
00	0.190 – 0.250	0.18 – 0.240
0	0.190 – 0.250	0.18 – 0.240
1	0.180 – 0.240	0.174 – -0.234
2	0.180 – 0.240	0.174 – -0.234
3	0.170 – 0.230	0.164 – 0.224
4	0.164 – 0.224	0.164 – 0.224
1 el	0.183 – 0.219	0.176 – 0.212

AVERAGE WEIGHT TABLE

Size	Average weight (mg)(Avg. of Capsules taken together)	Volume (CC)
#00	118	0.95
#0	96	0.68
#1	76	0.50
#2	63	0.38
#3	50	0.30
#4	40	0.21
#1el	81	

MICROBIOLOGICAL LIMITS TABLE

TOTAL COUNTS OF ORGANISM	Less than 1000/gm
E COLI	NIL (Absent in 1 gm)
SALMONELLA	NIL (Absent in 10 gm)
STAPHYLOCOCCUS AUREUS	NIL (Absent in 1 gm)
PSEUDOMONAS AERUGINOSA	NIL (Absent in 1 gm)
SHIGELLA	NIL (Absent in 10 gm)

TESTS AS PRESCRIBED BY IP 2014

MOISTURE CONTENT AND DISINTEGRATION TIME

MOISTURE CONTENT

13.0% to 16.0%

DISINTEGRATION TIME

Less than 15 minutes.



EMPTY HARD GELATIN CAPSULE

We manufacture Empty Hard Gelatin Capsules in sizes 00,0,1e,1,2,3,4 elongated, fortified with more than thousand shades which is growing as rapidly as pharma industries

HALAL GELATIN CAPSULES

HALAL is a very sensitive issue. For the Muslims community, availability of HALAL GELATIN is a very sensitive issue as there are very less suppliers of genuine Halal quality products.

LIQUID FILLED CAPSULES

Our Liquid Filled Capsules are manufactured to stringent specifications and are suitable for pharmaceutical, herbal, nutraceutical, agricultural and especially for cosmetic industry. They can be filled with active substances in form of liquids.



SLS FREE

A common excipient used is Sodium Lauryl Sulfate. Sodium Lauryl Sulfate is a common irritant that is banned in several countries, such as Japan and several European Union countries.



PRESERVATIVE FREE

we also manufacture preservative free capsules as per the customer requirement.