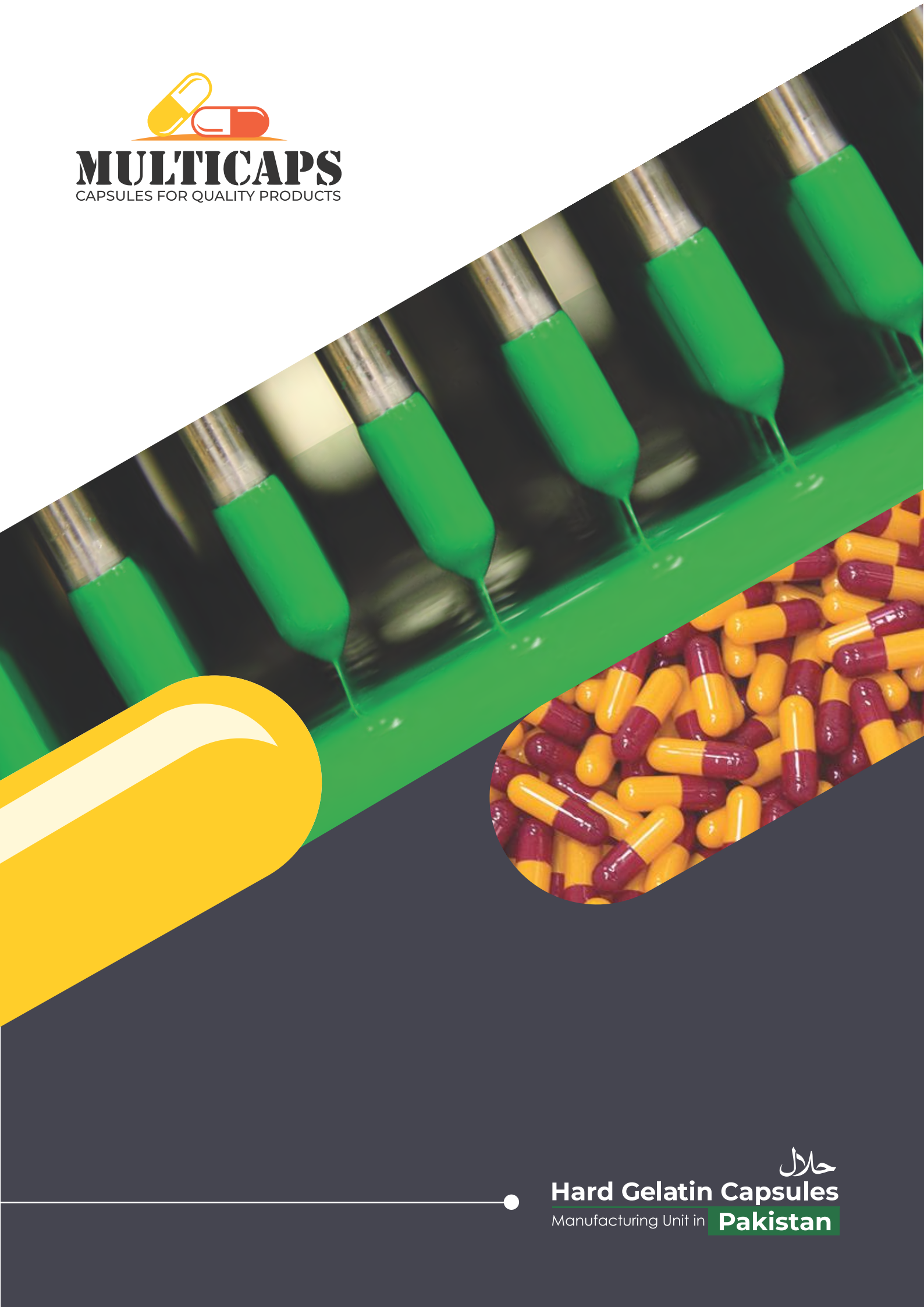




**MULTICAPS**  
CAPSULES FOR QUALITY PRODUCTS



حلال

**Hard Gelatin Capsules**

Manufacturing Unit in **Pakistan**



Islam places great emphasis in the way in which an animal's life ends, which has to be in accordance with Islamic regulations. Halal food is that which adheres to Islamic law, as defined in the Quran. Industries are growing globally with the concept of Halal and taking initiatives to nurture it. This carries a very high responsibility of business of being Halal certified. Which also have created high demand for Halal products & services.



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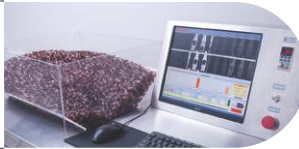
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## INTRODUCTION:

MULTICAPS has pioneered itself as an industry leader with advance and specialized manufacturing unit, and supply of Halal empty hard gelatin capsule shells. We strive to meet the needs of pharmaceutical industry by manufacturing capsule shells as per their need by conforming to various sizes and standards. Our product not only comply with quality specifications but also meet client statutory requisites. All this has collectively contributed in achieving a remarkable recognition in the pharmaceutical arena all across Pakistan.

MULTICAPS takes in introducing itself pride as one of the industry leaders in this field. Our plant is designed as per the cGMP & International standards, licensed by **DRUG REGULATORY AUTHORITY OF PAKISTAN**, also **HALAL** and **ISO Certified**. Our operations are carried out in dedicated areas within a controlled environment as per cGMP conditions. Whereas we have installed fully automatic modernized technology, imported from the world best sources considering the targeted industry for harmless Halal product.

MULTICAPS is using HALAL, Bovine Gelatin, BSE/TSE free for manufacturing the best quality HALAL Hard Gelatin Capsule shells. All our raw materials conform to the international standard specifications.



## HALAL GELATIN:

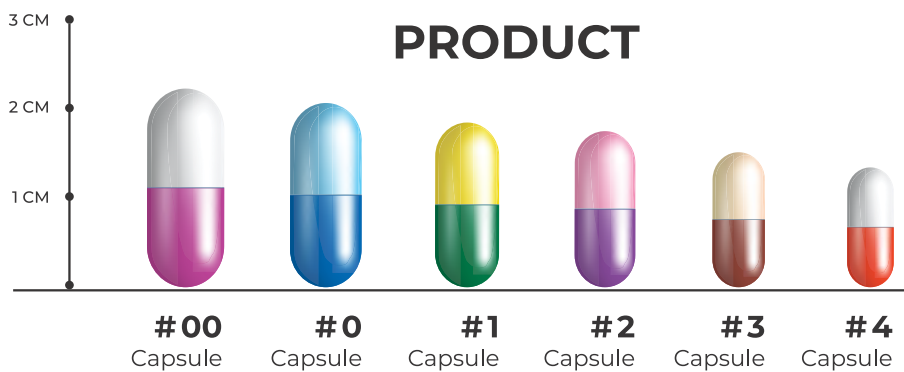


(Gelatin is regarded as the major and most important raw material for production of capsules and, thus, should be a very high quality and standard.)

Our company pays special attention in producing bright, stable and flexible capsules according to required standards by making use of high brand gelatin, which is free from contamination namely BSE/TSE. We make sure that the animal use for this purpose are regarded religiously clean and lawful to be eaten Halal.

## Pioneer Company in Pakistan; Manufacturing sizes range 00,0,1,2,3,4 and PEARL Capsule shells Inventory available of more than 150 colors

Whether you're looking to formulate new products or enhance an existing line, MULTICAPS has the right capsule to help you bring improved products to market faster. With a diverse portfolio HALAL hard gelatin Capsule Shells, we are a market leader in capsule development and manufacturing, bringing unmatched products and technical support to our customer.



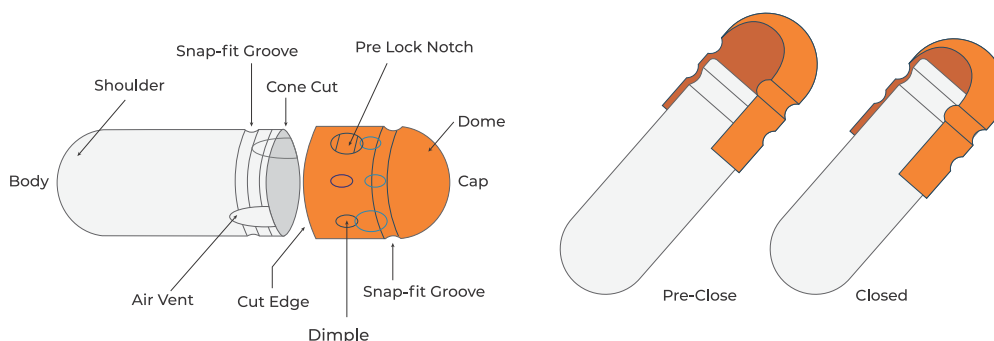
We manufacture two-pieces hard gelatin capsules in sizes 00, 0, 1, 2, 3 & 4. We procure & utilize the best Halal Pharmaceutical Grade Gelatin and edible food grade colors from the Best Manufacturers of Raw Material for manufacturing of its products. All standard sizes available:

## PRODUCT DESIGN :

At MULTICAPS, we apply deep product design and technology expertise to successfully advance challenging compounds and improve overall speed to market.

When the snap-fit groove on the cap works, the two grooves overlap and the capsule is completely sealed, this prevents the stuffing from leaking.

The cone cut on the capsule body makes it easy to stuff the capsule and avoid locking failure. The pre-lock notches inosculate with the grooves on the capsule body, thus ensures that the cap and capsule body are in separable during transportation and stuffing process. The two air vents on the capsule body keeps the pressure inside same as that of outside all the time, no matter stuffed or not. This protects the capsule from damage while stocking and successfully meet the requirement of the stuffing machine even on high speed.





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## PRODUCTION MANAGEMENT:

From the careful selection of raw materials to the careful production and the professional computerized inspection of the finished products, every production process and link of MULTICAPS capsule shells always operated in accordance with the process regulations.

MULTICAPS, in accordance with cGMP standards, high quality, high-tech automatic capsule manufacturing machinery, (keep improving, perfect quality) production concept, multichannel strict quality management, ensures the MULTICAPS capsule perfect quality thus enhancing our customers trust.

## PRODUCTION FLOW:





## QUALITY CONTROL :

Advanced sophisticated analytical testing equipments provide a solid scientific guarantee for the best product quality. We have a group of experienced quality inspection personnel and quality supervision and management personnel who provide strong technical support for product quality.





## QUALITY ASSURANCE :

Quality Assurance department ensures consistent quality product by maintaining vigil through Q.A checks at each stage.





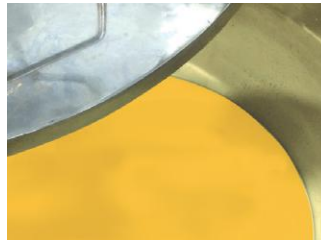
## MELTING PROCESS:

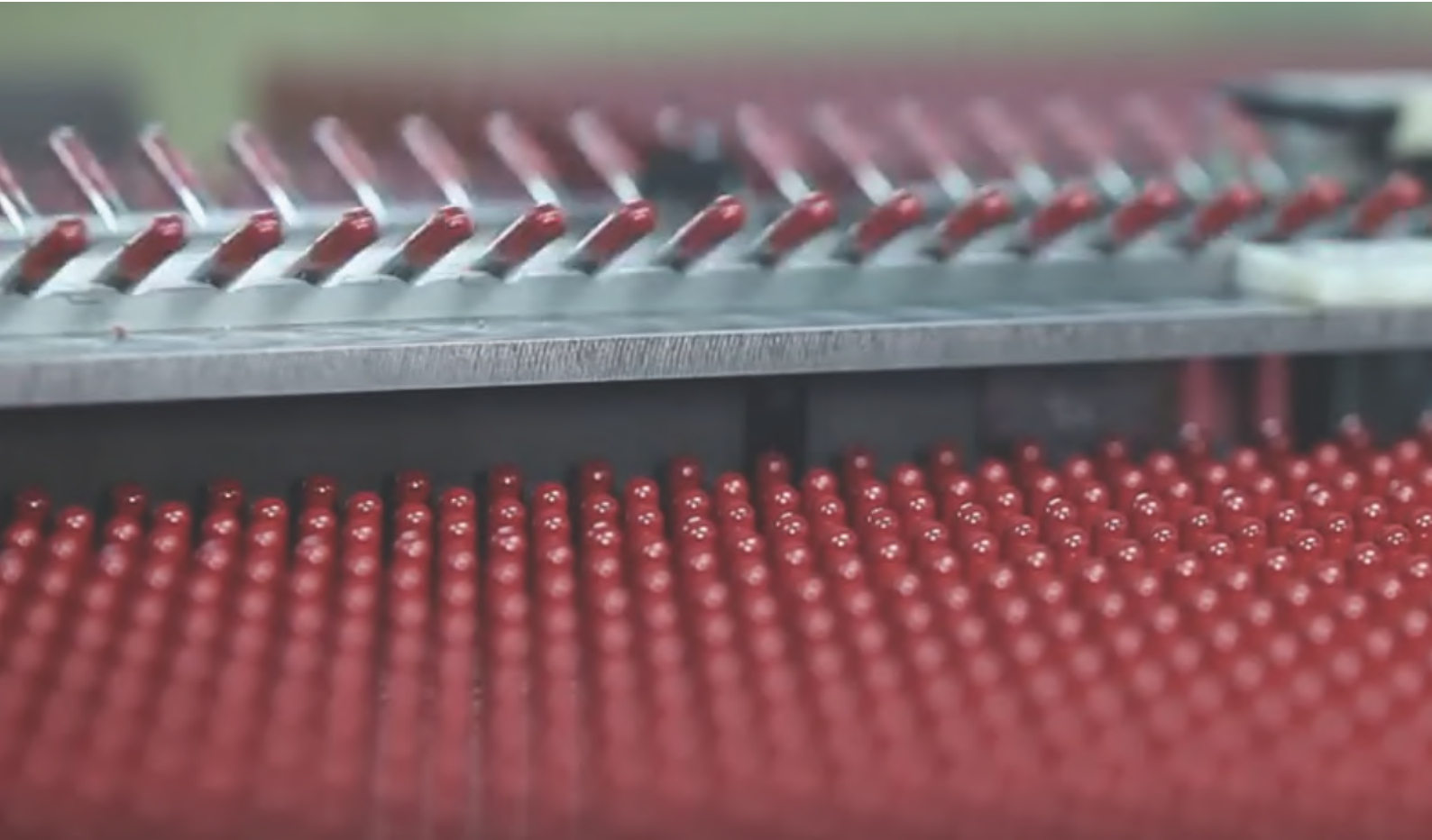




## COLORS:

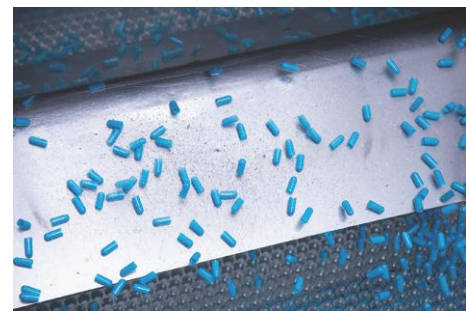
The color we use are F.D & C approved. The color shades are exactly customized as per specific requirements. The color shade once developed for a customer is allotted a code and is always reproduced when re-ordered.





## CAPSULE PRODUCTION:

The company's advanced equipment is complete, with strong technical force, strict implementation of the production processes and job operation method, product quality control of the entire process of implementation, and strict testing procedures to ensure the high quality of each capsule.



## FUNDAMENTAL REQUIREMENTS FOR FILLING ROOM:

### To keep thermometer and hygrometer qualified:

- The instruments to be kept in good working conditions.
- To be examined and maintained regularly.
- To be put in a suitable place far away from the air outlet of air conditioner.
- To be calibrated to their qualification at regular intervals by concerning measuring department.
- The recommended environment of filling room:  
Temperature : 20°C to 24°C. Relative humidity : 45% - 55 %

### Environmental Control:

- The filling room should be according to the cGMP requirement.
- The temperature and humidity should be recorded on hourly basis.
- HVAC and dehumidifier should be in working condition.
- The filling room operation procedure should be checked.

### Precautions:

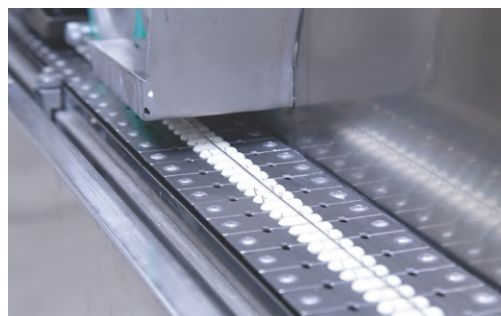
- Avoid heat generation source/radiation.
- Keep filling room well insulated from outside.
- Avoid direct sunlight in room.





## CAPSULE PRINTING:

MULTICAPS has facilities to print the capsules in various patterns like, Axial/Linear, Spin, Rectified and Multicolor. We are equipped with excellent quality printing machines, which have the expertise of printing on capsules as per customized requirements.







## CAPSULE INSPECTION:

We have highly precised, computerized capsule inspection line equipped with PLC, high resolution cameras, laser censor for the detection and removal of subvisibile defects.

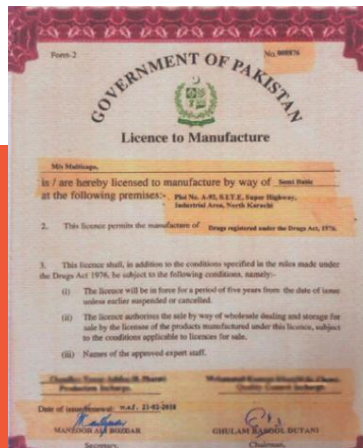




## QUALIFICATION HONOR:

The quality of MULTICAPS product is outstanding. We have complete production qualification and quality guarantee system.

We take honesty as base, guarantee the quality, continuously by blazing new trials and thus among customer favorites.



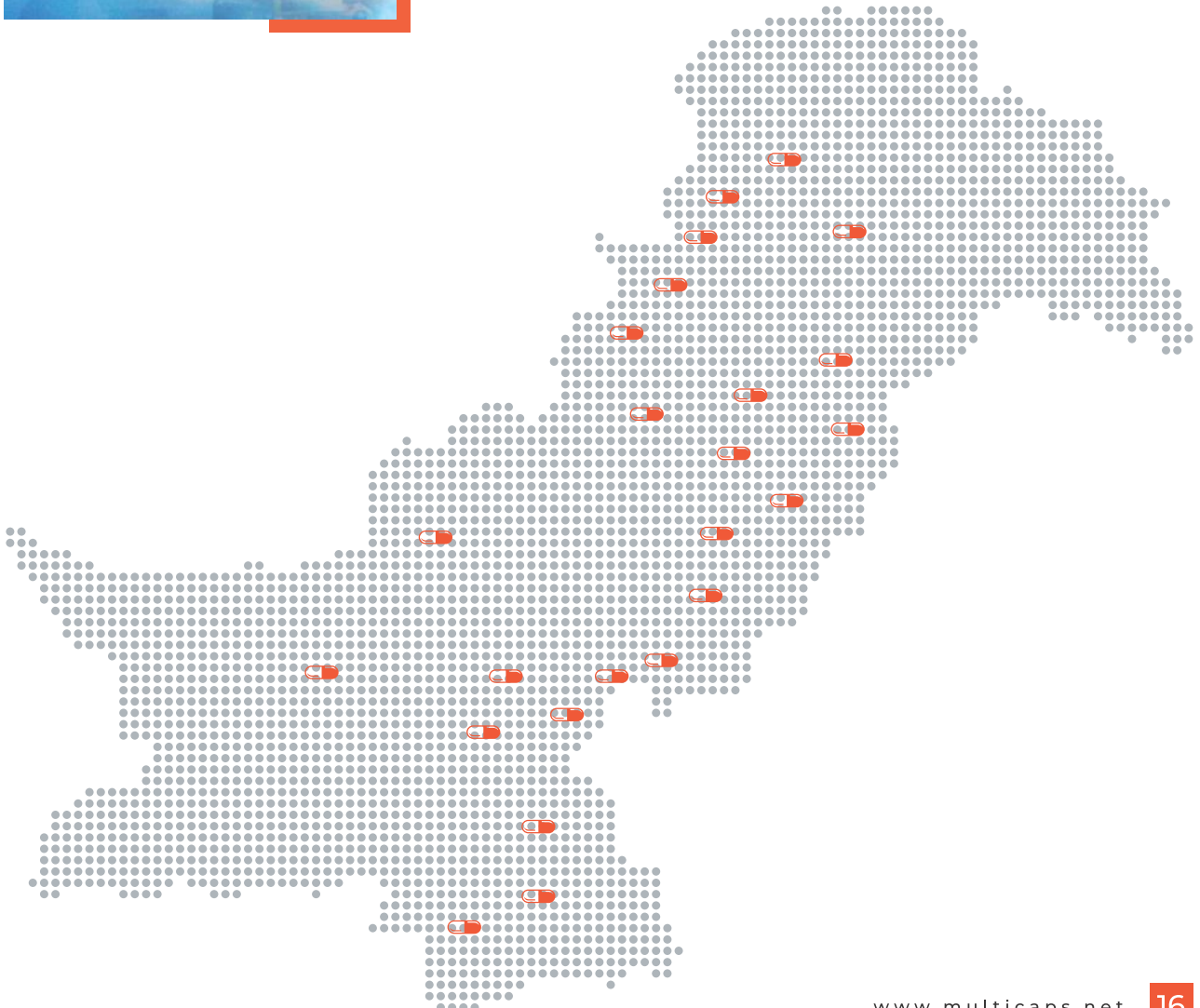
## CERTIFICATION



## **SALES & MARKETING:**

After establishing our strength in local pharmaceutical industry, we began spreading our wings beyond Pakistan with thirst on becoming a global player in the international market. MULTICAPS is the first largest company to make a foray into exports successfully with dedicated sales and marketing team. We are well recognized by leading Pharmaceutical industries in all our territories due to our well established corporate and product image.

We are committed to provide the services before and after sales, additionally onsite technical support is an edge for our valuable customers.





# MULTICAPS

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**Hard Gelatin Capsules**  
Manufacturing Unit in **Pakistan**

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Postal Code : 75400, Contact : +92 21 3452 9330-3.

**Factory :** A-92, Phase No. 1, S.I.T.E, Super Highway Industrial Area, North Karachi, Pakistan.  
Contact : +92 21 3688 0105-7.

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