

PHABA - PLASTIC PACKAGING SOLUTIONS - WWW.PHABA.IT



**CAPS WITH SILICA GEL**

## CAPS WITH SILICA GEL

### WHAT IS SILICA GEL?

SILICA GEL ( $\text{SiO}_2$ )<sub>N</sub> IS A POLYMER OF SILICON DIOXIDE, SYNTHETICALLY MADE FROM SODIUM SILICATE. IT IS USED IN VARIOUS FIELDS AS A DESICCANT (DRYING AGENT) FOR ITS DEHYDRATING AND EXTREMELY ADSORBENTS PROPERTIES. WE CAN FIND SILICA GEL IN MANY KIND OF COMMERCIAL PRODUCTS, FROM CONSUMERS ELECTRONICS TO PHARMACEUTICAL PRODUCTS. IN THIS LAST CASE, IT IS OFTEN PLACED IN A SPECIAL CONTAINER INSIDE THE CAP. IT IS COMPLETELY NON-TOXIC ACCORDING TO THE LAST REGULATIONS, NON-STINGING AND IT DOESN'T NEED ANY SPECIFIC DISPOSAL PROCESS.

### CHARACTERISTICS

SILICA GEL ARISES IN A GRANULAR SHAPE, WITH A VARIABLE PARTICLE SIZE FROM FEW MILLIMETERS TO FEW MICRON. IT CAN BE IN DIFFERENT COLORS: TRANSLUCENT WHITE OR YELLOW. IT IS VITREOUS AND POROUS.

### PROPERTIES

SILICA GEL PRESERVES, SAFEGUARDS AND ABSORBS HUMIDITY FOR A BETTER CONSERVATION OF MEDICINES' ACTIVE INGREDIENTS AND PRODUCTS IN GENERAL. THANKS TO ITS SPECIFIC CHEMICAL-PHYSICAL PROPERTIES OF POROSITY, IT ACTIVATES AN ABSORPTION PROCESS OF WATER VAPOR. THIS EXCHANGE OF PHYSICAL MATTERS MAKES THE HUMIDIFYING PROCESS VERY INTENSE AND RAPID.

## EXTRA

- OUR STANDARD PACKAGING: CAPS WITH SILICA GEL CLOSED IN SPECIAL BAGS "DOUBLE-BARRIER", TO PRESERVE GEL FROM HUMIDITY. 2 YEARS OF GUARANTEE.
- DIFFERENT PERCENTAGE OF SILICA GEL, TO VERIFY ON REQUEST
- CAPS OF DIFFERENT COLORS, SIZES AND MATERIALS TO VERIFY ON REQUEST
- OUR TECHNICAL DEPT. PROJECTS THE BEST SOLUTION FOR EVERY NEED

### DESICCANT SCREW CAP

CAP + CANISTER FILLED WITH SILICA GEL



### ALUMINUM / PLASTIC CAP

- SCREW CAP ALUMINUM:  $\varnothing$  24 – 28 – 31 – 35 – 38 MM
  - STANDARD COLORS: WHITE – GOLD
  - WITH TAMPER EVIDENT
- 
- SCREW CAP PLASTIC (PP):  $\varnothing$  28 MM
  - STANDARD COLOR: WHITE
  - WITH / WITHOUT TAMPER EVIDENT
  - WITH CHILDPROOF SYSTEM



**EXTRA:** COVER CAP CHILDPROOF CLOSURE SYSTEM FOR ALUMINUM CAP  $\varnothing$  24 (01/0003)

### CANISTER FILLED WITH SILICA GEL

- % SILICA GEL FROM 0,6 TO 3 GR.
- MATERIAL OF CANISTER: PE / BLEND (MIX OF SANTOPRENE 60% + PE 40%)
- STANDARD COLORS OF SILICA GEL: BROWN – WHITE

### DESICCANT PRESSURE CAP

CAP + CANISTER FILLED WITH SILICA GEL



### PRESSURE CAP $\varnothing$ 20 MM

34/0020N

- MATERIAL OF CAP: SANTOPRENE
- STANDARD COLOR OF CAP: NEUTRAL
- WITHOUT TAMPER EVIDENT
- STANDARD COLOR OF SILICA GEL: BROWN
- STANDARD PERCENTAGE OF SILICA GEL: 0,6 GR.

### DESICCANT PRESSURE CAP

CAP + CANISTER FILLED WITH SILICA GEL



### PRESSURE CAP $\varnothing$ 27 MM

34/0040

- MATERIAL OF CAP: PE
- STANDARD COLOR OF CAP: WHITE
- WITH STRIP TAMPER EVIDENT
- STANDARD COLOR OF SILICA GEL: BROWN
- STANDARD % OF SILICA GEL: 3 GR.

(CAPS FOR TUBES FOR EFFERVESCENT ROUND TABLETS AND PILL JARS)





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**PHABA srl a socio unico**  
Via per Ornago 12  
20875 Burago di Molgora MB – Italy  
Tel. +39 039 667852 – Fax +39 039 667244  
[www.phaba.it](http://www.phaba.it) – [info@phaba.it](mailto:info@phaba.it)

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