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Starsage Packaging



Adhesive Tapes



Air Bubble Wrap



Clay Desiccants



Silica Gel



Dunnage Air Bags



Ethylene Absorbers



Oxygen Absorbers



Plastic Pallets



Steel Pallets



Biodegradable Bags

Starsage Silica Gel

For satisfying our customers' requirements, we are engaged in providing best quality Silica Gel which is extensively used in chromatography as a stationary phase. Our Silica Gel packs come in different sizes and variously for different uses. Further, we allow our customers to customize the pack per specific requirements. Our Silica Gel will provide guaranteed great results.













We have a range of Silica Gel suitable for your requirement.





















Specifications - Data Sheet

| Descriptions | Silica Gel White | Silica Gel Blue |
|--|------------------------------------|--|
| ASSAY (as SiO ₂) | 97 -99 % | 97 -99 % |
| pH | 6-7 | 6-7 |
| Bulk Density | 0.600 - 0.700 gm/cc | 0.600 - 0.700 gm/cc |
| Loss on Drying % | < 6 | < 6 |
| Adsorption Capacity at 100 % humidity | 30 -40 % | 30 -40 % |
| Friability | 99.5 | 99.5 |
| Choloride (as NaCl) | 0.05 ppm | 0.05 ppm |
| Sulphates (Na ₂ SO ₄) | 0.5 ppm | 0.5 ppm |
| Amonium (NH ₃) | NIL | NIL |
| Cobalt Chloride (CoCl ₂) | | 0.5 % |
| Particle size (Mesh) | 1-2,3-4, 3-8, 5-8, 9-16, 16-30 | 1-2,3-4, 3-8, 5-8, 9-16, 16-30 |
| Chemical Formula | SiO ₂ +H ₂ O | SiO ₂ +H ₂ O+CoCl ₂ |

SPECIFICATIONS – SILICA GEL TYPES/MODELS PACKAGING

| Model No: | Type | Description | Weight gram | Bag size mm | Bags per Kg | Image |
|--|-----------|--|-------------|-----------------|------------------------|---|
| 1.Silica gel in cotton paper bag: cheaper, not strong, good breathing ability, mainly for health products, medicine, etc. | | | | | | |
| 1.1 | DSG0.5A-B | 0.5 g silica gel in cotton paper bag (pillow bag) | 0.5 | 17*33 | 2000 Bags per Kg |  |
| 1.2 | DSG1A-B | 1 g silica gel in cotton paper bag (pillow bag) | 1 | 20*40 | 1000 Bags per Kg |  |
| 1.3 | DSG2A-B | 2g silica gel in cotton paper bag (pillow bag) | 2 | 20*52 | 500 Bags per Kg |  |
| 1.4 | DSG3A-B | 3 g silica gel in cotton paper bag (pillow bag) | 3 | 30*50 | 334 Bags per Kg |  |
| 1.5 | DSG5A-B | 5 g silica gel in cotton paper bag (pillow bag) | 5 | 30*60 | 200 Bags per Kg |  |
| 2.Silica gel in coated paper bag: cheaper, not strong, for garments, shoes, etc. | | | | | | |
| 2.1 | DSG1B | 1 g silica gel in coated paper bag (U-type bag/3-side-sealed) | 1 | 30*38 | 1000 Bags per Kg |  |
| 2.2 | DSG2B | 2 g silica gel in coated paper bag (U-type bag/3-side-sealed) | 2 | 35*46 | 500 Bags per Kg |  |
| 2.3 | DSG3B | 3 g silica gel in coated paper bag (U-type bag/3-side-sealed) | 3 | 35*56 /45*46 | 334 Bags per Kg |  |
| 2.4 | DSG5B | 5 g silica gel in coated paper bag (U-type bag/3-side-sealed) | 5 | 45*56 | 200 Bags per Kg |  |
| 2.5 | DSG10B | 10 g silica gel in coated paper bag (U-type bag/3-side-sealed) | 10 | 65*65 | 100 Bags per Kg |  |
| 3.Silica gel in non-woven: strong and good breathing ability, for all kinds products. | | | | | | |
| 3.1 | DSG1C | 1 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 1 | 30*38 | 1000 Bags per Kg |  |
| 3.2 | DSG1C-B | 1 g silica gel in non-woven bag (pillow bag) | 1 | 20*38 | 1000 Bags per Kg |  |

| | | | | | | |
|------|----------|--|-----|-----------------|------------------------|---|
| 3.3 | DSG2C | 2 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 2 | 35*46 | 500 Bags per Kg |  |
| 3.4 | DSG2C-B | 2 g silica gel in non-woven bag (pillow bag) | 2 | 20*52 | 500 Bags per Kg |  |
| 3.5 | DSG3C | 3 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 3 | 35*56 | 334 Bags per Kg |  |
| 3.6 | DSG5C | 5 g silica gel in non-woven bag (U-type) | 5 | 45*56 | 200 Bags per Kg | -(N/A)- |
| 3.7 | DSG5C-B | 5 g silica gel in non-woven bag (pillow bag) | 5 | 40*50 /30*60 | 200 Bags per Kg | -(N/A)- |
| 3.8 | DSG10C | 10 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 10 | 65*65 | 100 Bags per Kg |  |
| 3.9 | DSG10C-B | 10 g silica gel in non-woven bag (pillow bag) | 10 | 40*75 | 100 Bags per Kg |  |
| 3.10 | DSG20C | 20 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 20 | 65*80 | 50 Bags per Kg |  |
| 3.11 | DSG30C | 30 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 30 | 65*110 | 34 Bags per Kg |  |
| 3.12 | DSG50C | 50 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 50 | 80*110 | 20 Bags per Kg | -(N/A)- |
| 3.13 | DSG100C | 100 g silica gel in non-woven bag (U-type bag/3-side-sealed) | 100 | 100*125 | 10 Bags per Kg | -(N/A)- |
| 4.1 | DSG1O | 1 g silica gel in OPP bag (U-type bag/3-side-sealed) | 1 | 30*38 | 1000 Bags per Kg |  |
| 4.2 | DSG1O-B | 1 g silica gel in OPP bag (pillow bag) | 1 | 20*40 | 1000 Bags per Kg |  |
| 4.3 | DSG2O | 2 g silica gel in OPP bag (U-type bag/3-side-sealed) | 2 | 35*46 | 500 Bags per Kg |  |

| | | | | | | |
|---|-----------|---|-----|-----------------|------------------------|---|
| 4.4 | DSG20-B | 2 g silica gel in OPP bag (pillow bag) | 2 | 20*52 | 500 Bags per Kg |  |
| 4.5 | DSG30 | 3 g silica gel in OPP bag (U-type bag/3-side-sealed) | 3 | 35*56 | 334 Bags per Kg |  |
| 4.6 | DSG50 | 5 g silica gel in OPP bag (U-type bag/3-side) | 5 | 45*56 | 200 Bags per Kg | -(N/A)- |
| 4.7 | DSG50-B | 5 g silica gel in OPP bag (pillow bag) | 5 | 40*50 /30*60 | 200 Bags per Kg |  |
| 4.8 | DSG100 | 10 g silica gel in OPP bag (U-type bag/3-side-sealed) | 10 | 65*65 | 100 Bags per Kg |  |
| 4.9 | DSG100-B | 10 g silica gel in OPP bag (pillow bag) | 10 | 40*75 | 100 Bags per Kg | -(N/A)- |
| 4.10 | DSG200 | 20 g silica gel in OPP bag (U-type bag/3-side-sealed) | 20 | 65*80 | 50 Bags per Kg | -(N/A)- |
| 4.11 | DSG300 | 20 g silica gel in OPP bag (U-type bag/3-side-sealed) | 30 | 65*110 | 34 Bags per Kg | -(N/A)- |
| 5.Silica gel in Tyvek bag: good quality, very strong, very expensive, for all products, 0.5g-1kg | | | | | | |
| 5.1 | DSG0.5T-B | 0.5 g silica gel in Tyvek bag (pillow bag) | 0.5 | 17*30 | 2000 Bags per Kg |  |
| 5.2 | DSG1T-B | 1 g silica gel in Tyvek bag (pillow bag) | 1 | 20*40 | 1000 Bags per Kg |  |
| 5.3 | DSG2T-B | 2 g silica gel in Tyvek bag (pillow bag) | 2 | 20*52 | 500 Bags per Kg |  |
| 5.4 | DSG3T-B | 3 g silica gel in Tyvek bag (pillow bag) | 3 | 30*50 | 334 Bags per Kg |  |
| 5.5 | DSG5T-B | 5 g silica gel in Tyvek bag (pillow bag) | 5 | 30*60 /40*50 | 200 Bags per Kg | -(N/A)- |
| 5.6 | DSG10T-B | 10 g silica gel in Tyvek bag (pillow bag) | 10 | 40*75 | 100 Bags per Kg | -(N/A)- |



WHAT YOU SHOULD KNOW?

www.starsage.lk

Storage conditions for Silica Gel?

Information on storage conditions: Keep in sealed containers in a dry place. Usual temperature 24 - 35 degrees. Seal the box all the time after using.

How long do silica gel sachets last?

It is recommended that they are not left open to the atmosphere for longer than **30 minutes**. Larger sachets should not be removed from their packaging more than **1 hour** before they are required for use. The shelf life of silica gel in a sealed environment can safely be said to be between 4 and **12 months** and a Shelf Life of 2 Years.

Please teach us how to handle Silica Gel?

Use protection gloves when installing Silica Gel into the CTN Boxes

How many Silica Gel Packets to use?

Under normal conditions it is recommended to use
: 5 Grams Silica gel to cover 300 Sqcm²





World of

Welcome to Starsage

Starsage Technologies



Sales Hotline: +9411-294-20-20

E-mail: packaging@starsage.lk

Starsage

WhatsApp business account



MAP TO STARSAGE HOLDINGS (PVT) LTD - HEAD OFFICE



Starsage Holdings (Pvt) Ltd.

Head Office: No:104/01 Kerawalapitiya Rd, Hendala, Wattala, Colombo, Sri Lanka.

Warehouse: 146/6f Peal Park, Wattala, Colombo, Sri Lanka.

Tel: +94 11 2942020, +94 11 3039966

Fax: +94 11 2942020

E-mail: info@starsage.lk

Web: www.starsage.lk

www.starsage.lk

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