Ⓟ CrysPack

for clean,for safe

福州康派克光电科技有限公司

Fuzhou CrysPack Opto-Electronic Technology Co.,Ltd.

CrysPack

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Perfect Solution to storage and transport
HIGH VALUE PRODUCTS

Your first choice to package your valuable devices

CrysPack has been a famous manufacturer in precise packaging field for more than 10 years. Whether shipping or processing valuable or fragile device, CrysPack is your first choice.

CrysPack supplies both standard and custom packaging to more than 500 companies all over the world depend on our sales network and innovative R&D team.

Our customers are in a wide range of markets:

- ☐ Opto-electronics
- ☐ Semiconductor
- ☐ Telecommunication
- ☐ Automotive
- ☐ RF/Wireless
- ☐ Aerospace
- ☐ Jewelry
- ☐ Dentistry
- ☐ Collection
- ☐ Consumer

### Our unique line of products is enabling technology for applications such as device:

- ● Handling
- ● Inspection
- ● Shipping
- ● Assembly
- ● Surface Protection
- ● Storage ---

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CrysPack is committed to continually improving its existing packaging products while developing new packaging products to meet customer's requirements. CrysPack has a series of product line to meet your storage and transport of your high valued devices. CrysPack has 7 series products* and some accessories.
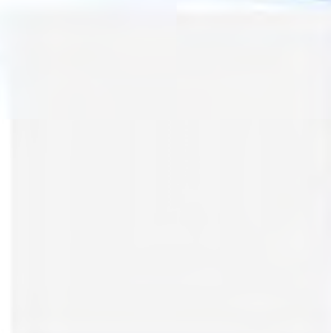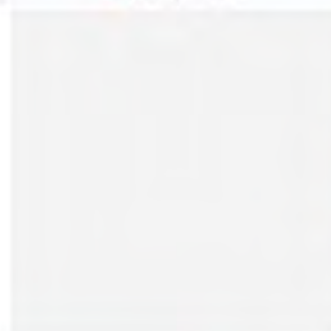
●Membrane Box >
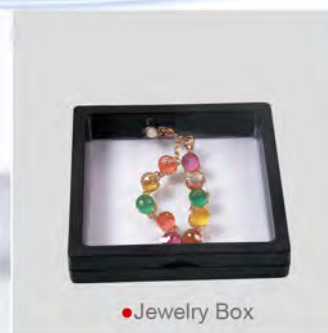
●Jewelry Box
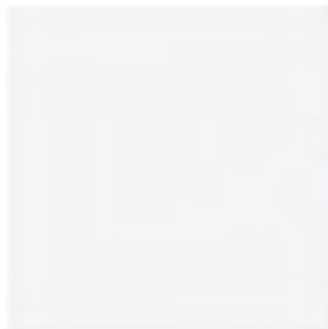
●Sponge Box

●Optical Storage Box

●Sticky Box

●Wafer Container

●Optical Protect Bag

*CrysPack also offers the customized package.

For the purpose of protecting environment from pollution, all materials we use are according to Rosh. And all our products are having low out gassing. So you don't be afraid that CrysPack's packages will damage your products.

Do you still use the traditional packaging for your valued products? Do you want to improve your products grades? Why not choose CrysPack?

CrysPack hopes you enjoy the packaging and looks forward to servicing you.

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CrysPack's membrane boxes offer you the perfect solution for the intermediate storage and transport of your sensitive semi-finished and finished products from the optical, semiconductor, electronic, medical, watch and jewelry industries. Membrane Boxes are constructed using a thin, highly elastic transparent film mounted to the top and bottom halves of a symmetrical box (Most boxes are made of clear polystyrene). When the box is closed, the device is suspended between the two transparent membranes which conform to the device shape and securely hold it in place.
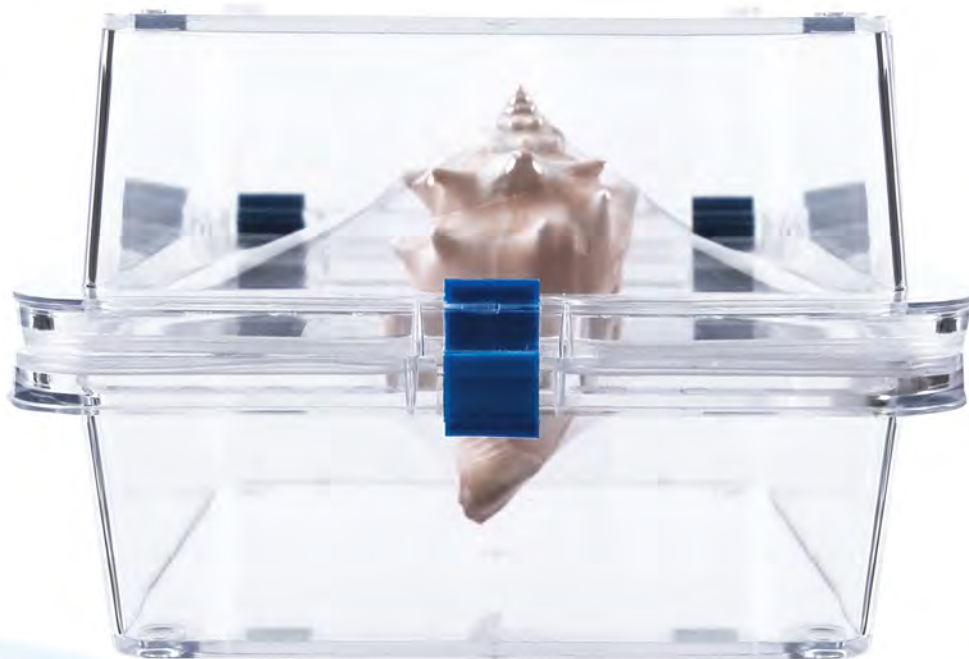
The high optical transparency of the membrane box packaging allows for inspection and visual checks without having to open the box. When the membrane boxes used for jewelry, many customers calls our products as 3-D SUSPENSION SEE-THROUGH PACKAGING AND DISPLAY FRAMES.

CrysPack is the professional and main membrane boxes supplier in the world. Most of companies who also sell membrane box bought the box from us. We have a wide range of shapes and sizes membrane boxes.

your logo could be seen here!

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Membrane boxes without hinge

CPK-M-3816
External Dimension 38×38×16mm
Internal Dimension 31×31×14mm

CPK-M-5525
55×55×25mm
42×42×21mm

CPK-M-8020
80×42×20mm
65×25×16mm

Operation Instruction

Step 1: Holding the box horizontally by one hand.

Step 2: Use another hand to grip the corner of the cover and pull it out slowly.

Step 3: Put the device on or take the device off the surface of membrane slightly.

Opening way for CPK-M-3816
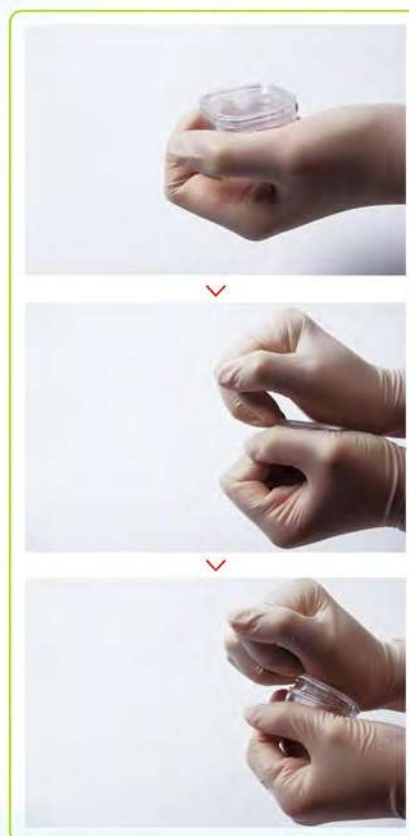
Opening way for CPK-M-5525

Opening way for CPK-M-8020

Please visit our website for the latest models.

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Membrane boxes with hinge

CPK-MR-7516
External Dimension 75×16mm
Internal Dimension 65×12mm

CPK-M-7525
75×75×25mm
53×53×21mm

CPK-MR-8040
External Dimension 80×40mm
Internal Dimension 69.5×36.2mm

CPK-M-10030B
100×50×30mm
90×36×25mm

CPK-M-10030A
100×75×30mm
90×61×25mm

CPK-M-10030C
100×100×30mm
90×82×25mm

CPK-M-10050A
External Dimension 100×75×50mm
Internal Dimension 90×61×45mm

CPK-M-10050C
100×100×50mm
90×82×45mm

CPK-M-12525
125×75×25mm
115×60×20mm

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Membrane boxes with hinge

CPK-M-12530
External Dimension 125×100×30mm
Internal Dimension 116×82×25mm

CPK-M-12550
125×125×50mm
100×100×46mm

CPK-M-12575
125×125×75mm
97.5×97.5×70mm

CPK-M-15025
External Dimension 150×50×25mm
Internal Dimension 128×28×20mm

CPK-M-15050
150×125×50mm
141×116×45mm

CPK-M-150100
150×150×100mm
125×125×95mm

CPK-M-17550
External Dimension 175×75×50mm
Internal Dimension 150×50×46mm

CPK-M-17525
175×175×25mm
165×165×20mm
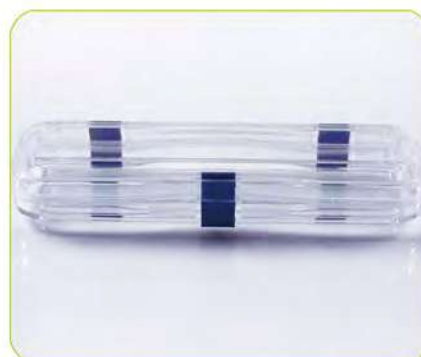
CPK-M-18030
180×54×30mm
170×40×25mm

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Membrane boxes with hinge

CPK-M-20025
External Dimension 200×50×25mm
Internal Dimension 190×40×20mm

CPK-M-20050
200×100×50mm
188×83×45mm

CPK-M-22575
225×175×75mm
216×149.5×71mm

CPK-M-25025
External Dimension 250×75×25mm
Internal Dimension 241.5×51×21mm

CPK-M-25050
250×200×50mm
223×173×45mm

CPK-M-27550
275×100×50mm
245×75×45mm

CPK-M-30050
300×300×50mm
273×273×45mm

CPK-M-30025
300×75×25mm
278×53×21mm

*The standard hinge color is blue.
We can supply different colors hinges.

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CrysPack's sticky box is comprised of a plastic hinged box with special Gel coating applied directly to the bottom. The surface of the Gel has intrinsic stickiness that effectively immobilizes the devices using only backside surface contact. The degree of holding force is intrinsic to the tack ability of the Gel*. Using surface tension, components are held in place and protected, even if the boxes is tilted, jarred, or turned upside down, yet they can still be easily removed. If you want to offload the device from the boxes, you may use the tweezers of by hands.

Our gel is moisture proof, waterproof, able to bear ozone, radiate and weather aging. And Gel is an extremely durable and versatile material that maintains its properties between -60℃ to 200℃.

Hinged boxes are available in different sizes. And hinged boxes available is various bottom/top configurations using transparent (T), black (B), conductive black (CB), and transparent antistatic (CT) materials. Wide assortment of optional printed grid patterns readily available. Custom prints artwork (grids, company name, logo, etc) can be created upon request.

Retention Level Comparison
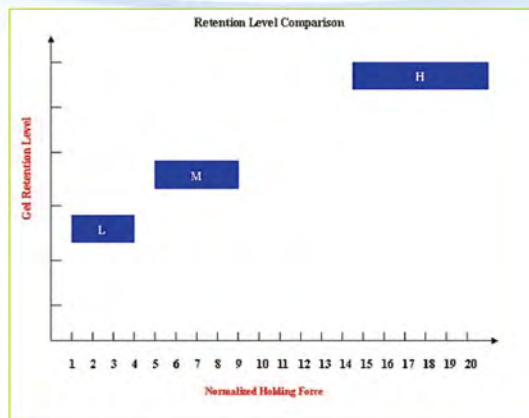
So if you want to order sticky box, you may describe as following:

CPK-S-5510(T/CB)-L-P1

It means the size of the hinged box is 55×55×10mm and the top box is transparent and the bottom is conductive and black.The holding force(sticky) is L.The grid pattern is P1*.

*For more information,please contact with us or check it on our website.

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CPK-S-3015
30×30×15mm/27×27×11mm
External Dimension/Internal Dimension

CPK-S-5510
55×55×10mm/51×51×7mm
External Dimension/Internal Dimension

CPK-S-7515
75×55×15mm/71×51×11mm
External Dimension/Internal Dimension

CPK-S-8512
85×85×12mm/81×81×8.5mm
External Dimension/Internal Dimension

CPK-S-6816
68×68×16mm/64×64×12mm
External Dimension/Internal Dimension

CPK-S-12016
120×93×16mm/117×90×13mm
External Dimension/Internal Dimension

CPK-S-12025
120×93×25mm/117×90×22mm
External Dimension/Internal Dimension

CPK-S-12034
120×93×34mm/117×90×31mm
External Dimension/Internal Dimension

CPK-S-6822
68×68×22mm/64×64×18mm
External Dimension/Internal Dimension

CPK-S-6828
68×68×28mm/64×64×24mm
External Dimension/Internal Dimension

CPK-S-6835
68×68×35mm/64×64×31mm
External Dimension/Internal Dimension

CPK-S-6854
68×68×54mm/64×64×50mm
External Dimension/Internal Dimension

CPK-S-15020
150×150×20mm/145×145×15mm
External Dimension/Internal Dimension

*Customized size is acceptable.

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Cryspack Gel-Tray product consists of a 55 x 55mm(or 85*85mm) pocketless plastic tray stored inside a plastic hinged box. Cryspack's Gel is applied directly to the surface of the plastic tray. Similar to Sticky-Boxes, which are easy to off-load device by hand or tweezers.
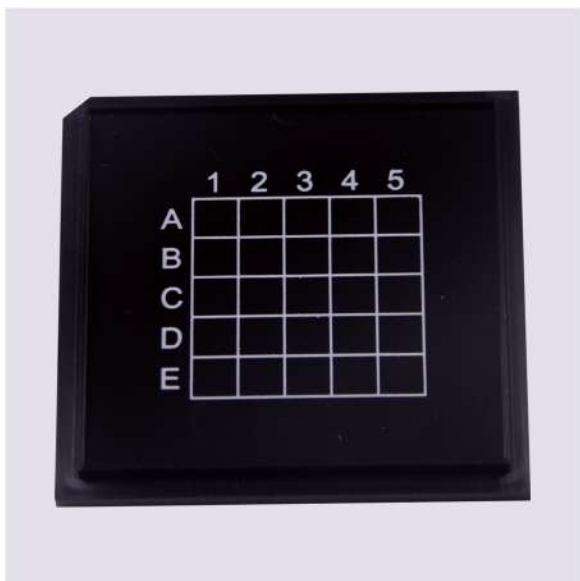
CPK-S-5510P
外尺寸：51×51×4mm
内尺寸：46×46×0.8mm

CPK-S-5510PB

CPK-S-8512P
外尺寸：80×80×6mm
内尺寸：74×74×3mm

CPK-S-8512PB

Fig.1 "Hold Mold"

Fig.2 "Release Mold"

Vacuum box CrysPack developed an innovative method to pack extremely fragile or thin devices- Vaccum tray, therefore widely used in Semiconductor, Opto-electronics and Telecommunication etc. It is a prefect technology in immobilize devices during shipping, handling and processing. A trial use will convince you of their extraordinary functioning.

Vacuum box (VR) fixed equipment during the transportation and operation process, and when required, simple equipment will be pulled away from the tray by the release of specific equipment.

Vacuum box technology depends on changing contacting area of the surface of the elastic film in the tray. Changing surface contact directly affect the adhesive force.

In normal "Hold Mode" (Fig. 1), the surface contact is maximized, the device is firmly fixed in the position of the transportation, handling and storage.In temporary "release model" (Fig. 2), applying vacuum in11 a hole in the bottom of the tray, the film are in conformity with the shape of the mesh, so as to minimize surface contact.This reduces the adsorption force between film and equipment (less contact point), and easily remove equipment.
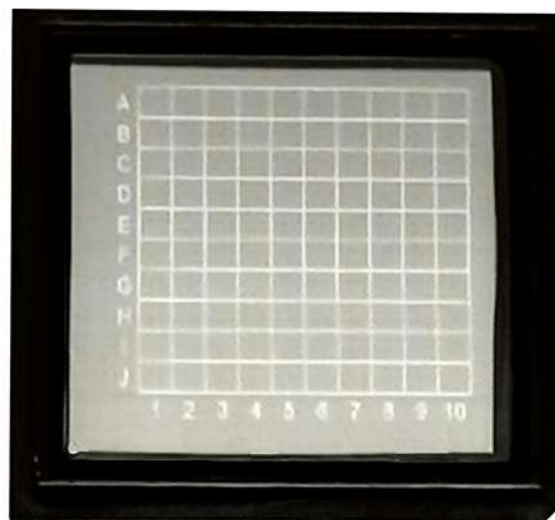
Once the vacuum has been removed, the elastic film will return to its original position.VR tray is reusable. It can be repeated in the hold and release process.

CPK-VR-4
外尺寸：101.6×101.6mm
内尺寸：86.8×86.8mm

CPK –VR-2
外尺寸：50.8×50.8mm
内尺寸：9.7×39.7mm

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Gem box

CrysPack's Jewelry boxes contain 2 types. There are Gem box and 3D display box.

Gem box is also belong to sticky box but has special design. The gel is coated on the top instead of on the bottom and the color is normally white. Gem Boxes are designed to immobilize and protect gem stones, diamonds, and jewelry. The special gel material holds gems in place for easy cataloging, storing, and transportation. These Gem Boxes suspend gems in place by their facets, allowing light to penetrate from all angles, which adds to the brilliant display of the stone. The gem boxes are very ideal packaging boxes to protect valued stones during shipping and handling rather than traditional papers and display boxes. It's easy to inspect and catalog the gems.

The size please refer to sticky boxes.
CrysPack can de customized gem box with special grids, prints, and logos.

3D display box

3D display box is also belonging to membrane box. Normally, our each type of membrane boxes can be used as Jewelry box. But we also design some special boxes for Jewelry market. The box has only 2 frames without top and bottoms shell. So we also call them as 3-D Suspension See-Through Packaging and Display Frames.

CPK-MM--11020
110×110×20mm/95×95mm
External Dimension/Internal Dimension

CPK-MM-18020
180×110×20mm/160×90mm
External Dimension/Internal Dimension

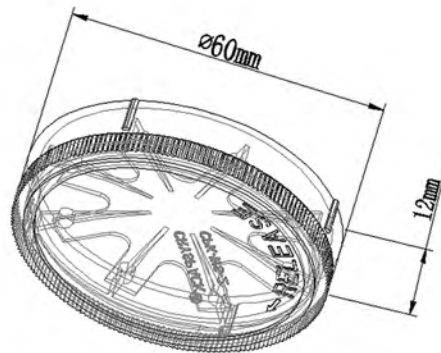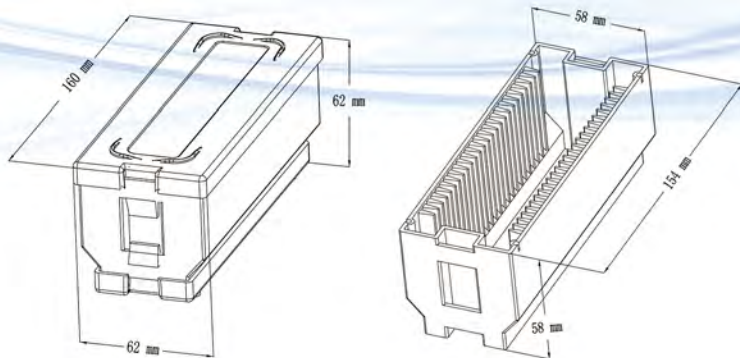We are developing more size now. Please check them on our website if you need.

CrysPack wafer container is designed for packaging wafer such as Sapphire,Si,LiNbO3,LiTiO3, etc.

CPK-SW-2   Φ60mm×12mm

CPK-W-2   160×62×62mm/Φ2 inch 25pcs

CPK-W-4   163×147×120mm/Φ4 inch 25pcs

Sponge Box
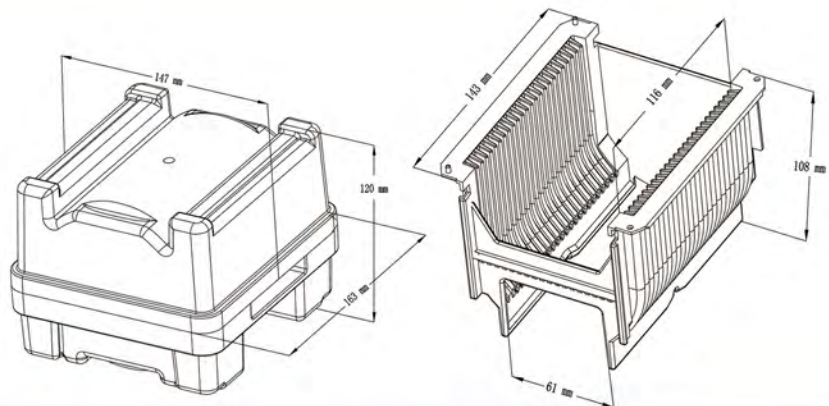
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Cryspack's sponge box is designed to protect delicate parts during transport, processing, inspection and assembly. The structure of the sponge boxes have three layers: bottom, middle and top sponges .The middle template layer is designed and produced according to the shape of the device. The sponges have different color, hardness, elastic cushioning material such as anti-static cushioning material of sponge, EVA, etc. The designs will ensure the devices to have the slightest damage when strong shocks or vibration happens. Sponge box has been applied largely in many fields like optical materials, opto-electronic component, semiconductor and optical communication. All of our sponge boxes are customized. The following types is just for your reference. Please contact with us if you have the requirements.

Part Number	Color	Size(outside)	Size(inside)	Grid size	Grid number
CPK-SP-15020-100	Transparent/Black	150×150×20mm	145.5×145.5×15mm	8×8mm	100
CPK-SP-15020-120	Transparent/Black	150×150×20mm	145.5×145.5×15mm	13×2mm	120

Sponge Box

Part Number	Color	Size(outside)	Size(inside)	Grid size	Grid number
CPK-SP-13816	Transparent/Transparent	138×63×16mm	132×59×13mm	Φ8mm	50
CPK-SP-20	Transparent/Transparent	138×63×16mm	132×59×13mm	24×7mm	20
CPK-SP-25	Transparent/Transparent	138×63×16mm	132×59×13mm	20×5.7mm	25
CPK-SP-30	Transparent/Transparent	138×63×16mm	132×59×13mm	21.5×6.5mm	30
CPK-SP-13816-40	Transparent/Transparent	138×63×16mm	132×59×13mm	22×4.5mm	40
CPK-SP-13816-64	Transparent/Transparent	138×63×16mm	132×59×13mm	13×4.3mm	64
CPK-SP-13816-80a	Transparent/Transparent	138×63×16mm	132×59×13mm	6.5×5.5mm	80
CPK-SP-13816-100	Transparent/Transparent	138×63×16mm	132×59×13mm	5.5×2.5mm	100
CPK-SP-13816-100a	Transparent/Transparent	138×63×16mm	132×59×13mm	6.5×3mm	100

Part Number	Color	Size(outside)	Size(inside)	Grid size	Grid number
CPK-SP-20050-96	Transparent/Transparent	200×105×57mm	197×101×54mm	26×2mm	96
CPK-SP-20050-100	Transparent/Transparent	200×105×57mm	197×101×54mm	19×2mm	100
CPK-SP-20050-50	Transparent/Transparent	200×105×57mm	197×101×54mm	14×14mm	50

Note:

1. Cryspack can design the sponge according to your products.
2. Cryspack can also provide other boxes to fit for the special sponge.
3. Cryspack can supply many kinds of sponge with different color, hardness, and material quality.

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CrysPack's Optic Storage Boxes are ideal for keeping your optics clean and damage free for storage or transport. The main component of the boxes are thermoforming plastic products which are made with PET-G material. The optics storage boxes are designed and manufactured to meet the needs of the full range of the optical lenses, filters, mirrors and other optical devices. The optics devices are held in place on the chamfers, in suspension. The optical faces never make contact with the sealed container or any other packaging material. We have 2 types of the series. One type is CPK-OP series that the box has only the thermoforming mold component. The other type include the outside plastic box ,foams the thermoforming mold inserts. The external plastic box has 3 types size:65×65×16mm,65×65×22mm and 65*65*28mm.The color can be clear or white.

CPK-OP Series

CPK-OP-3
3×3×20mm/1pc
Packaged Optics size/Qty

CPK-OP-38.1×1
φ38.1mm/1pc
Packaged Optics size/Qty

CPK-OP-4
4×4×20mm/1pc
Packaged Optics size/Qty

CPK-OP-5
5×5×20mm/1pc
Packaged Optics size/Qty

CPK-OP-25.4×1
φ25.4×1mm/1pc
Packaged Optics size/Qty

CPK-OP-12.7×1
φ12.7mm/1pc
Packaged Optics size/Qty

CPK-OP-7.75×9
φ7.75mm/9pcs
Packaged Optics size/Qty

CPK-OP-10×4
φ10mm/4pcs
Packaged Optics size/Qty

CPK-OP-25.4×12
φ25.4mm/12pcs
Packaged Optics size/Qty

CPK-OP-12.7×1(H6)
φ12.7mm/1pc
Packaged Optics size/Qty

CPK-OP-50.8×1
φ50.8mm/1pc
Packaged Optics size/Qty

CPK-OP-1003×20
10×3×3mm/20pcs
Packaged Optics size/Qty

CPK-OP-1204×20
12×4×7mm/20pcs
Packaged Optics size/Qty

CPK-OP-2004×10
20×4×7mm/10pcs
Packaged Optics size/Qty

CPK-OP-00L-16
45×7×7mm/16pcs
Packaged Optics size/Qty

CPK-OP-00-30
18×8×8mm/30pcs
Packaged Optics size/Qty

ESD-CPK-OP-14×40
φ14mm/40pcs
Packaged Optics size/Qty

CPK-L Series

CPK-L-C-1-010(f3)
25.4×25.4mm/1pc
Packaged Optics size/Qty

CPK-L-C-1-011(f3)
50.8×50.8mm/1pc
Packaged Optics size/Qty

CPK-L-C-1-05
φ12.7mm/1pc
Packaged Optics size/Qty

CPK-L-C-1-075
φ19mm/1pc
Packaged Optics size/Qty

CPK-L-C-1-16
φ16mm/1pc
Packaged Optics size/Qty

CPK-L-C-1-1
φ25.4mm/1pc
Packaged Optics size/Qty

CPK-L-C-03-25
φ7.62mm/25pcs
Packaged Optics size/Qty

CPK-L-B-1-1(6)
φ25.4mm/1pc
Packaged Optics size/Qty

*Customized size is acceptable.

The optical protect bag is the economic methods to deliver lenses. They are manufactured with white hydroentangled polyester for soft protection. We have following types now. Other size also can be produced.

P/N	Size(outside)	Size(inside)
CPK-P-2020	30*30mm	20*20mm(±3mm)
CPK-P-3030	40*45mm	30*30mm(±3mm)
CPK-P-4040	50*60mm	40*40mm(±3mm)
CPK-P-5050	60*75mm	50*50mm(±3mm)
CPK-P-7070	80*100mm	70*70mm(±3mm)
2"*2"	61*86mm	51*51mm(±3mm)
3"*3"	89*127mm	77*77mm(±3mm)

Tweezers:

CPK-T series tweezers are used in the field of electronics, biology, surgery, micro-electronic, jewelry, watch, cosmetics and others industries, thus prompting us to keep up with the most modern developments that are happening around.

Type: Stainless tweezers series

Type: Anti-Static tweezers series (for crystals)

The anti-static tweezers are made of carbon and special plastic. It can avoid pollution of traditional anti-static plastic for containing carbon black. It can be used in clean environment with degree of purification below grade 10. It is suitable for inspection, assembly and manual insert and other processes. It can also be made of other materials subject to requirements of customers。

Type: Exchange head stainless tweezers series

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