

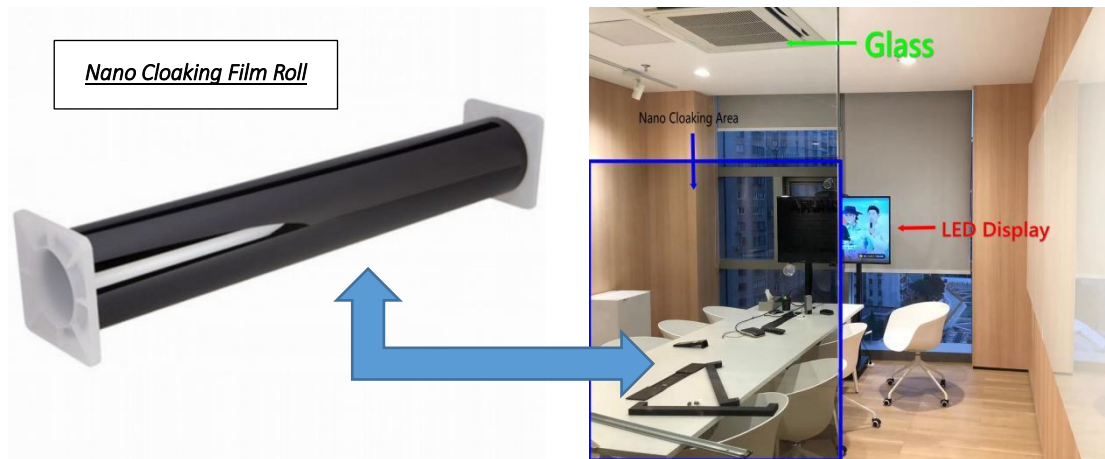


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Data Sheet & Description

Nano Cloaking Film

V20240530113526T



NanHai Display Limited
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Technical Data Sheet

Product Name	Nano Cloaking Film
Model	T0F2
Use	Architectural Glass Films
Compatibility ^①	LED Backlight Liquid Crystal Display
Length	100feet
Width	36/48/54/56/60inch
Visible Light Transmittance	≥43%
Haze	≤1%
Ultraviolet Rejection	≥75%
Infrared Rejection	≤12%
Cloaking Efficiency	99.95%
Effective Thickness	.007+/-0.0007inch
Color	Clear Grey
Material	PET + Polyvinyl + Triacetate
Backing Adhesion	Acrylic Pressure-sensitive Adhesive(High/MediumTack)
Surface Treatment	Anti-crack/Scratch Resistant HC(Optional)
Orientation※2	0 Degree(Standard Vertical)
Working Environment	-5 ~ +60°C/90%RH
Extreme Test Environment	-30 ~ +80°C/90%RH/1200H
Storage Environment	10 ~ 30°C/70%RH
Packaging & Label	Composite Sealing/Sun & Moisture Proof Warning
Effective Warranty	6 0Months
Test Reports	● Chemistry, REACH SVHC 263/ RoHS, Compliant; ● Flammability, ASTM E 84, Class A; ● Fire Safety, EN 13501-1:2018 Class C; ● Flammability, GB 8624-2012, Pending; ● VOC, CA 01350, Pass;
Place of Origin	China

①Above are sample values and not an absolute guaranteed.

*1 Before use, please test the compatibility of the LED monitor. This product does not guarantee to support for monitors of all brand and models.

*2 Standard installation orientation is 0 degree,small part of installations are 90 degrees or other angles. If you have any questions, please consult our company or local dealers



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Precautions of Use

- Regarding the use of this product, if there are any changes in the usage method during actual use by your company, in order to avoid adverse situations, please consult our company in advance and evaluate the usage method.

❖ Construction Site

This product is a specialized film for indoor pasting in commercial office environments for general buildings, and is only applicable to glass. It cannot be used in high temperature and humidity environments such as outdoors, bathrooms, swimming pools, etc.

❖ Rainbow Pattern

When two pieces of glass coated with film overlap, rainbow patterns will be generated, such as a sliding door.

❖ Glass Pattern & Discoloration

When coated with nano cloaking film, very few glasses may appear horizontal/vertical patterns or discoloration if viewing at an angle, which might be caused by the process treatment of glass.

❖ Degradation Over Time

This product is made of organic materials and has a lifespan that may deteriorate over time.

Precautions of Install

❖ Install Methods

This product has a direction and the material is relatively thick. So the install method is a bit different from ordinary window film. Please consult our authorized distributor for work, or provide detailed preliminary training and trial.

❖ Seaming Treatment

If seaming is carried out, there may be differences in appearance, so it is important to obtain customer confirmation before proceeding with the work.

❖ Reinstall

If some parts are re-pasted, there may be differences in performance and appearance due to different batches and aging deterioration.



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Storage and Safekeeping

- This product should be properly sealed and placed in a well ventilated and dry warehouse, avoiding high temperature, high humidity, and low temperature environments. It is recommended to store it in an environment with a temperature of 10-30°C and a humidity of 70% RH.
- Please use it up within 12 months after our shipment.
- After use, do not roll the product loose, and use tape to stick the end firmly. Otherwise, the peeling film will mix with air, causing poor appearance.
- It needs to be Inner-core suspended and not compacted. If the remaining part is not used for a long time, please pay attention to repackaging and store it with a cardboard box in a place without sunlight.

Handling of Unqualified Product

- When your company determines that it is unqualified during the incoming inspection process or discovers defective products after opening cardboard box, please notify our company to reach an agreement for replacement within 10 working days.



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Warranty Period

- The valid warranty period of this product is 12 months from the date of delivery.
- The effective use period under proper storage conditions is 24 months(laboratory experience, not a guarantee).
- The promised warranty for consumer's installation (by certified dealer) is 60 months.

Maintenance

- Clean with a soft damp cloth. When the dirt is severe, clean with neutral detergent (concentration 1-2%). When using neutral detergent, wipe thoroughly with a damp cloth to avoid residual detergent.
- When wiping with a damp cloth, it is not allowed to wipe back and forth on the surface of the film, and it must be wiped in the same direction.
- Alkaline, acidic detergents, and organic solvents cannot be used.
- Avoid dry rubbing.
- Do not use cleaning powder, hard cloth, paper, or other materials that may scratch the surface of the film
- If there are splicing seams, please wipe along them.
- Do not use hard or sharp objects to contact the film.
- High-temperature heat sources such as cigarette, lighter, heat gun cannot approach the film, which will cause poor appearance.
- Do not use transparent tape to stick posters or any adhesive products.

*The product may be improved without prior notice, please understand!

*The relevant technical parameters in this file are for technical reference only.

*If there is any ambiguity, please consult our company.

*For more information, please visit website: <https://nhdfilm.com>



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