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Shanghai NAR Industrial Co., Ltd. (SZ . 002825)

-Dongguan Junhong Optical Material Co,Ltd



Company Introduction





Dongguan Junhong Optical Material Co., Ltd., founded in 2013, is a high-tech enterprise that integrates the production, R&D, and sales of diverse coated film materials. With a facility spanning more than 14,000 square meters, the company houses multiple Class 1000 cleanrooms and is equipped with advanced machinery, such as optical film forming machines and precision coaters, sourced from international suppliers.

The company excels at tailoring development, design, and production to meet the specific needs of diverse industries. Leveraging its advanced technology, robust delivery capabilities, high-standard product quality, and exceptional service, it has earned consistent acclaim from customers and established stable, long-term partnerships with several renowned smartphone brands.

In 2022, the company officially joined the NAR Group, marking a significant milestone that strengthened its capabilities in technology R&D and talent acquisition, while simultaneously unlocking a phase of rapid growth.

2D Screen Protector



Technical Specifications

PET Material（50μm）
Silicone Coating（10μm）
HC Coating
PET Protaection Film（100μm）
Silicone Coating
Release Film（50μm）

Top Layer 125±5μm

Application:

- Surface Protection

Advantages:

- Low Cost
- Exceptional Abrasion Resistance(1kg load, 1000 cycles)
- High Hardness
- Strong AF Coating Adhesion (5-10/>20g)
- Multiple Types: Standard, Anti-Static, Anti-Fingerprint (AF), Anti-Glare (AG), Anti-Scratch, Anti-Blue Light, Shock-Resistant, Anti-Bacterial

Features:

- Special 3H Hardness Coating: Scratch-resistant.
- High-Clarity Imported PET: >93% Transmittance.
- Bubble-Free Silicone Adhesive: Easy application.
- Resists Weak Acids, Alkalis & Water.
- Cleanly Removable: No residue.

Ultra-Smooth 2D Screen Protector



Technical Specifications

PET Material（50μm）	
Silicone Coating（10μm）	
HC+AF Coating	Top Layer 113±5μm
PET Protection Film（75μm）	
Silicone Coating	
Release Film（50μm）	

Application:

- Surface Protection

Advantages:

- Low Cost
- Strong AF Coating Adhesion (5-10/>20g)
- Anti-Fingerprint & High Slip: Contact Angle ≥113°
- Abrasion Resistance: ≥5000 cycles

Features:

- Surface Hardness: 2H (Scratch-resistant)
- Material: Imported PET (>93% Transmittance)
- Adhesive: Bubble-Free Silicone
- Resistance: Weak Acids, Alkalis, Water
- Removability: Clean, No Residue

SRF Screen Protector for Under-Display Fingerprint



Technical Specifications

PET Material（50μm）
Silicone Coating（10μm）
HC Coating
High-Transparency SRF Optical Film（80μm）
Silicone Coating
Release FIlm（50μm）

Top Layer 123 ± 5μm

Application:

- Surface Protection

Advantages:

- Low Cost
- Exceptional Abrasion Resistance(1kg load, 1000 cycles)
- High Hardness
- Anti-Smudge, Anti-Static, Anti-Newton Ring、

Features:

- Hardness: 2H (Scratch Resistant)
- Core Material: Imported Substrate (Toyo Bo, Japan) | Fast Fingerprint Recognition
- Adhesive: Bubble-Free Silicone
- Durability: Resists Weak Acids, Alkalis, Water
- Removability: Clean, No Residue

Smooth/Anti-Blue Light TPU Screen Protector





Technical Specifications

PET Materual（50μm）	
Silicone Coating（10μm）	
Self-Healing / Anti-Blue Light & Self-Healing（20μm）	Top Layer 130 ± 8μm
TPU（80μm）	
Silicone Coating（30μm）	
PET Release Film（50/75μm）	

Application:

- Surface Protection

Advantages:

- High Smoothness: Provides an exceptionally smooth feel.
- Self-Healing & Abrasion Resistant: Minor scratches disappear automatically, ensuring long-lasting clarity.
- Excellent Anti-Fingerprint Effect: Effectively resists smudges while maintaining a smooth touch.
- Full Conformability to Curves: Seamlessly adheres to screens with different curvatures.

Features:

- pecial TPU Base Material
- Self-Healing & Scratch-Resistant Adhesive
- Easy Application, Bubble-Free
- High Clarity & Blue Light Blocking Options

Thermoforming TPU Protective Film



Technical Specifications

PET Materual（50μm）
Silicone Coating（10μm）
Self-Healing Layer Technology（20μm）
TPU（80μm）
Silicone Coating（25μm）
Release Film（50μm）

Top Layer 125 ± 8μm

Application:

- **Surface Protection**

Advantages:

- **High Hardness & Superior Smoothness**
- **Instant Self-Healing & Wear Resistance**
- **Excellent Anti-Fingerprint & Smooth Touch**
- **Full Curved Surface Conformity After Heating**

Features:

- **Reinforced TPU Substrate with High Slip & High Contact Angle**
- **Special Self-Healing Adhesive: Scratch-Resistant & Mark-Repairing**
- **Heat-Press Forming: No White Edges/Lifting, Perfect Curved Fit**

UV-Curable 3D Film (Composite PET)



Technical Specifications

PET Materual（75μm）	
Silicone Coating（10μm）	
Transparent Hard Coat Film（26μm）	Top Layer 114 ± 8μm
UV Coating（45μm）	
PET Coating（23μm）	
Silicone Coating（20μm）	
Release Film（50μm）	

Application:

- **Surface Protection**

Advantages:

- **Low Newton's Ring Effect**
- **High Abrasion Resistance**
- **Superior Scratch Protection, No Air Lines**
- **Perfect Full Coverage**

Features:

- **Unique PET+PET Composite Structure, a rare design in the industry**
- **Special UV Adhesive for high-curvature screens, excellent hardness after curing**
- **Easy application, achieves full curved coverage without 3D hot bending**
- **Clean removability, leaves no residue on the screen surface**

UV-Curable 3D Film (Single Layer)



Technical Specifications

PET Materual（75μm）	
Silicone Coating（10μm）	
Transparent Hard Coat Film（26μm）	Top Layer 86 ± 8μm
UV Coating（45μm）	
Silicone Coating（15μm）	
PET Release Film（50μm）	

Application:

- Surface Protection

Advantages:

- Low Newton's Ring Effect
- High Abrasion Resistance
- Excellent Anti-Fingerprint & Smooth Feel
- Perfect Full Coverage

Features:

- Single-layer cured film structure enabling pressure-free application and simple installation process
- Special UV adhesive compatible with curved screens; eliminates white edges and edge lift after curing
- Easy application achieving full curved coverage without 3D hot bending
- Clean removability without adhesive residue on screen surface

Privacy Screen Protector for Mobile Phones



Technical Specifications

PET Protection Film（60um）
Hard Coat Film（50μm）
OCA Corating（20μm）
Privacy Material（160μm）
Silicone Coating（40μm）
Release Film（50μm）

Top Layer 270 ± 20μm

Application:

- 2D Screen Protector for Mobile Phones

Advantages:

- High air release performance for bubble-free application
- High-stability OCA and silicone adhesive, passing rigorous environmental tests
- Manufactured in a Class 1000 cleanroom with precision coating, free of impurities

Features:

- Excellent impact and scratch resistance
- Optical-grade PET and OCA for high light transmittance and low reflection
- High touch sensitivity, supports repositioning and is easy to install

AG/AF Screen Protector for Automotive Displays



Technical Specifications

PET Materual（50μm）	
Silicone Coating（10μm）	Top Layer 155 ± 8μm
Matte Hard Coat/AF Coating（5μm）	
High-Transparency PET Substrate（125μm）	
Adhesive Layer（25μm）	
Release Film（50μm）	

Application:

- **AG/AF Protective Film for Automotive Screens**

Advantages:

- **Excellent fingerprint resistance with smooth feel**
- **Perfect edge-to-edge fit**
- **Imported high-transparency PET substrate**

Features:

- **Excellent bubble release, high temperature resistance, and scratch resistance**
- **Durable construction with easy installation and residue-free removal**
- **Optical-grade PET material with premium silicone adhesive for high light transmittance**
- **Minimal graininess with effective anti-glare properties**
- **Matte surface coating that effectively reduces glare and prevents fingerprint marks**
- **High touch sensitivity with repositioning capability for easy application**
- **Available with either matte AG (anti-glare) or clear AF (anti-fingerprint) surface treatment**

AR Screen Protector



Technical Specifications

Silicone Protection Film	
AR+AF+HC	Top Layer 162 ± 10μm
High-Transparency PET Substrate（125μm）	
Adhesive Layer（35μm）	
Release Film（75μm）	

Application:

- **AR Protective Film**

Advantages:

- **High abrasion resistance**
- **Excellent anti-fingerprint effect with smooth feel**
- **Low reflectivity**
- **Imported high-transparency PET substrate**

Features:

- **Excellent abrasion resistance, scratch resistance, and bubble-free application**
- **Residue-free removal from screen surface**
- **Optical-grade PET with optical-grade silicone adhesive, light transmittance ≥94%**
- **High-slip surface with smooth tactile feel, water contact angle ≥115°**
- **AR anti-reflective coating effectively prevents light reflection, reflectivity ≤1%**
- **AR light enhancement technology restores true color representation**
- **High touch sensitivity, stable adhesion without white edges, easy to install**

Foldable AR Screen Protector



Technical Specifications

PET Protection Film	
AR+AF+HC Layer	Top Layer 90/105 μm
High-Transparency PET Substrate（50μm）	
OCA Adhesive Layer（35/50μm）	
Release Film（50μm）	

Application:

- Surface protection for foldable phones

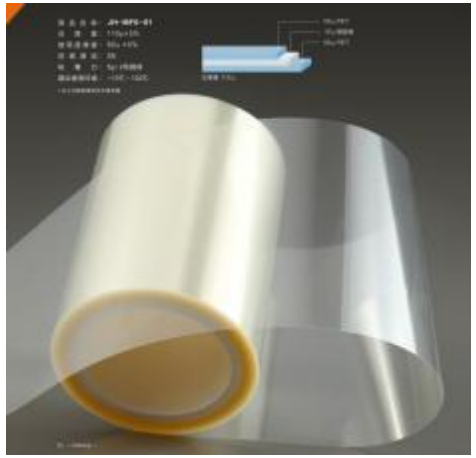
Advantages:

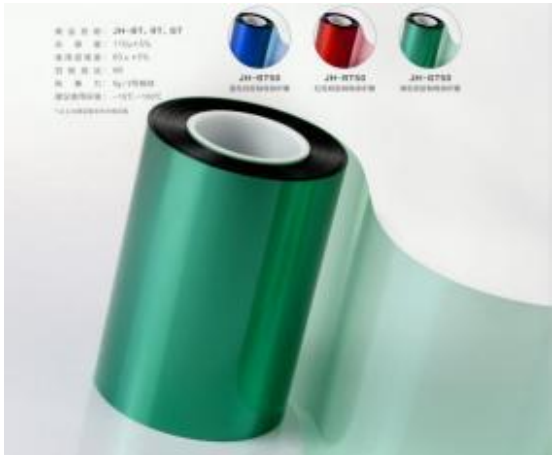
- High abrasion resistance
- Excellent anti-fingerprint performance with smooth feel
- Low reflectivity
- Imported high-transparency PET substrate

Features:

- Exceptional abrasion and scratch resistance with excellent bubble release
- Residue-free removal from screen surface
- Optical-grade PET with optical-grade silicone adhesive, light transmittance ≥94%
- High-slip surface with smooth tactile feel, water contact angle ≥108°
- AR anti-reflective coating effectively prevents light reflection, reflectivity <1.2%
- Withstands over 100,000 folding cycles

Process Protection Film





Technical Specifications



Application:

- Surface Protection

Advantages:

- Multiple Adhesive Systems: Silicone, Acrylic
- Multi-functional: Standard, Printable, Anti-static, Tape Series, Multi-color

Features:

- Special silicone resin with high-tack, self-adhering capability and fast air release
- Good resistance to weak acids, alkalis, and water; reusable after cleaning with neutral detergent
- Excellent repositionability without adhesive transfer, effectively prevents residue on processed products
- High light transmittance with total light transmission ≥92%, excellent optical performance

PI Tape





Technical Specifications

Polyimide Substrate（12.5μm）	Top Layer 28 ± 5μm
Acrylic Adhesive Layer（15μm）	
Release Film（50μm）	

Application:

- **Surface Protection**

Advantages:

- **Material: Multiple thickness options (12.5/36/50/75/100/125 μm) polyimide film substrate, with in-house adhesive R&D capability**
- **Performance: Resistant to high/low temperatures, acids/alkalis, and solvents; Class H electrical insulation; radiation protection**

Features:

- **High-viscosity acrylic adhesive with strong cohesion**
- **Excellent flame retardancy, suitable for wave soldering masking on PCBs, gold finger protection, high-end electrical insulation, motor insulation, and lithium battery tab fixing**
- **Withstands extreme temperatures, protects resistors and capacitors, excellent solvent resistance, and high tensile strength**

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