

CNCGLASS



CNCGLASS protective film and optical adhesive rolls — product photo, watermarked.

CNCGLASS Product Catalog

PET Protective Film and Optical Clear Adhesive (OCA) — Clean PET Silicone and PU Protective Films High-Transmission Optical Adhesive for Touch Panel Cover Glass Diffuser and Electronics Assembly

English

Clean PET protective films and substrate-free optical clear adhesive (OCA) for touch panels, cover glass, diffuser sheets, and electronics assembly — high cleanliness with fast outgassing; light to controllable adhesion; die-cut friendly; high-transmission structures for screen protection. Grade variants: light-adhesion 3-layer frosted PET silicone film; higher-adhesion PET silicone film; thin PU anti-static PET film; and substrate-free acrylic OCA with high luminousness and low haze. Typical catalog figures are average reference values, not guarantees — verify fitness before volume use.

CNCGLASS | www.cncglass.com

Product List Edition

CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA

CNCGLASS · Product List / Specifications

CNCGLASS PET protective films and optical clear adhesive (OCA) are clean materials for touch panels, cover glass, diffuser sheets, and electronics assembly. Procurement focus: high cleanliness with fast outgassing; light to controllable adhesion; die-cut friendly converting; and high-transmission structures for screen protection. Silicone-coated PET grades cover frosted three-layer light-adhesion film and higher-adhesion protective film. A thin PU anti-static PET film supports process protection. Substrate-free acrylic OCA provides optical bonding with high luminousness and low haze. Custom roll, sheet, and die-cut formats are available from CNCGLASS on request.

Grade variants below. Commercial terms available on request.

Grade / Product	Construction & Specs	Packing	Typical use
Light-adhesion 3-layer frosted PET silicone protective film	PET 0.05 mm + silicone · total 0.06 mm · tensile 135 N/25 mm · >90% luminousness · adhesion 1–3 g	Roll / sheet / die-cut	Frosted panel & light-tack screen protection
Higher-adhesion PET silicone protective film	PET 0.075 mm + silicone · total 0.09 mm · tensile 115 N/25 mm · >90% luminousness · adhesion 4–6 g	Roll / sheet / die-cut	Higher-hold surface protection

PU anti-static PET protective film	PET + PU · 0.03 mm · transparent · adhesion 1–3 g/25 mm	Roll / sheet / die-cut	Anti-static electronics process protection
Substrate-free acrylic optical clear adhesive (OCA)	Acrylic OCA · 0.15 mm · haze 0.51% · luminousness 96% · adhesion 10.5 gf/25 mm	Roll / sheet / die-cut	Optical bonding for touch / cover glass

Note: Catalog data are average reference values for CNCGLASS grade variants and are not guarantees. Please verify fitness for your process before volume use. Custom width / length / die-cut available. Contact us for commercial terms.

To place an order or request a quotation, please email us at cnc@cncGlass.com. Our sales team will respond promptly with availability and lead time.

CNCGLASS · Datasheet of PET Protective Films & Optical Clear Adhesive

Key published properties for CNCGLASS PET protective film and OCA grade variants used in touch, cover glass, diffuser, and electronics assembly. Values below are typical catalog reference facts.

Property	Result	Note
Product family	PET protective films + substrate-free acrylic OCA	Electronics / display
Procurement focus	High cleanliness; fast outgassing; die-cut friendly	Light to controllable adhesion
Light-adhesion frosted PET silicone	PET 0.05 mm; total 0.06 mm; 135 N/25 mm; >90%; 1–3 g	3-layer frosted protective film
Higher-adhesion PET silicone	PET 0.075 mm; total 0.09 mm; 115 N/25 mm; >90%; 4–6 g	Higher adhesion protective film
PU anti-static PET film	PET + PU; 0.03 mm; transparent; 1–3 g/25 mm	Anti-static process protection
Acrylic OCA (substrate-free)	0.15 mm; haze 0.51%; luminousness 96%; 10.5 gf/25 mm	Optical clear adhesive
Optical performance	High luminousness; low haze (OCA)	Screen / cover glass protection
Converting	Roll, sheet, and die-cut friendly	Custom formats on request
Applications	Touch / cover glass; phone & navigation; diffuser; electronics process	Assembly protection
Disclaimer	Average reference values — not guarantees	Verify before volume use
Customization	Width / length / die-cut on request	Custom available

Datasheet values are typical published reference facts and may vary by batch. They are not performance guarantees. Please contact us for the latest test reports and process fitness guidance.

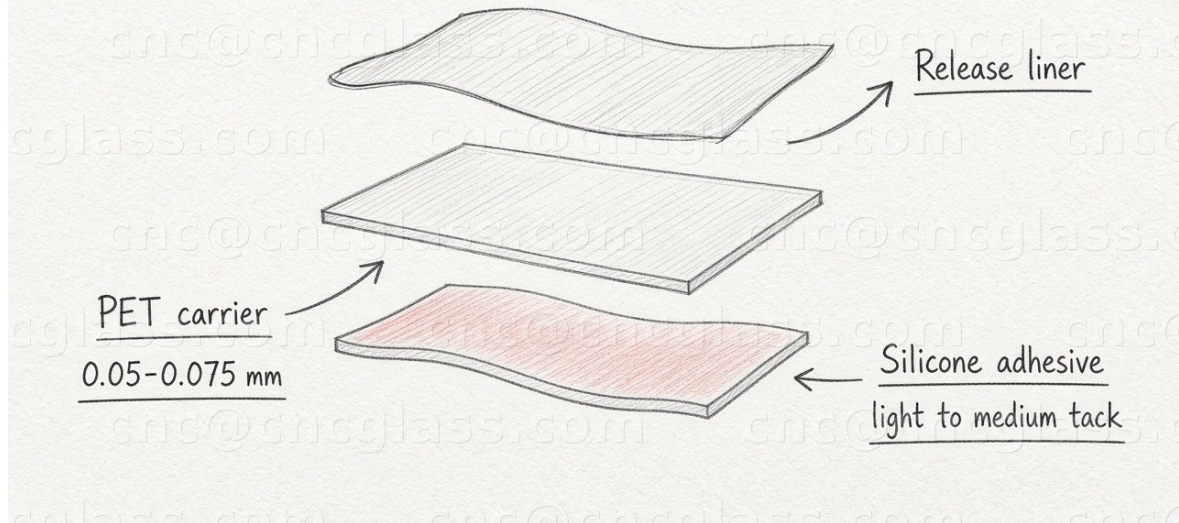
CNCGLASS · Storage

Store in a dry, clean environment away from dust, direct sunlight, and heat sources. Keep rolls and sheets sealed until use to preserve cleanliness and adhesion consistency. Follow FIFO inventory practice for optical and protective grades.

CNCGLASS · How It Works (Hand-Drawn Sketches)

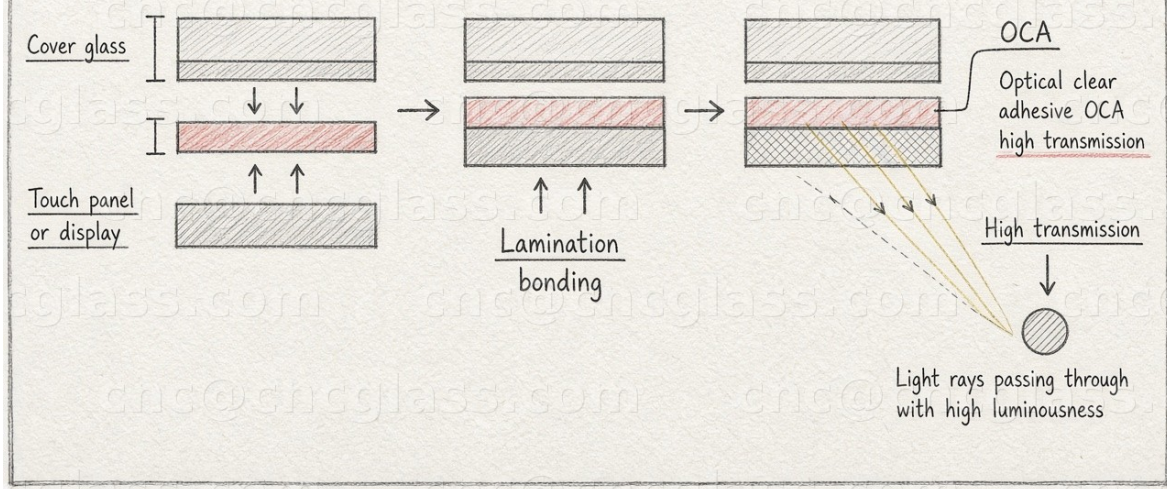
Educational hand-drawn sketches for electronics and display shops. CNCGLASS PET protective films use a release liner / PET carrier / adhesive stack for clean surface protection. Substrate-free acrylic OCA bonds cover glass to touch displays with high transmission and low haze. Typical scenes include phone displays, navigation screens, diffuser sheets, and electronics process protection.

PET protective film layer structure

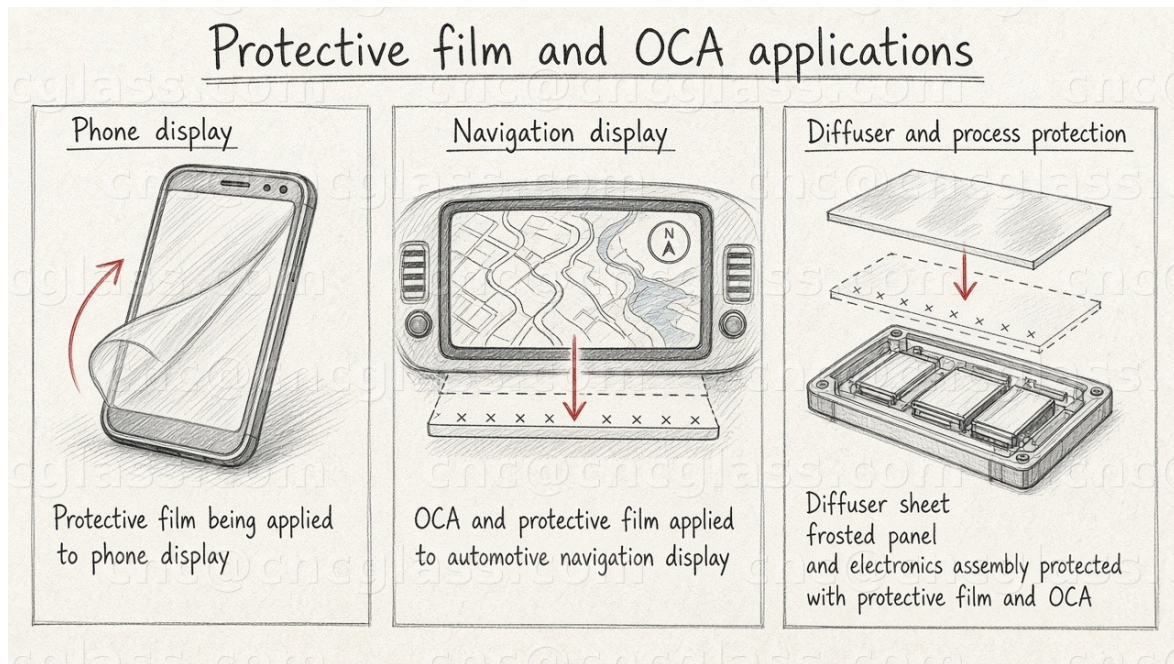


PET protective film layer structure (hand-drawn sketch): release liner, PET carrier, and silicone adhesive with light to medium tack.

Optical clear adhesive bonding



Optical clear adhesive bonding (hand-drawn sketch): cover glass / OCA / touch display stack with high-transmission light path.



Applications (hand-drawn sketch): phone display, navigation display, and diffuser / electronics process protection with protective film and OCA.

CNCGLASS · Product Photos

Product photographs of CNCGLASS PET protective film and optical adhesive rolls (watermarked). Representative grade variants shown as rolls for converting and electronics assembly.



Protective film rolls — bottom row



Protective film rolls — upper stack



Protective film and optical adhesive roll stack

[CNCGLASS](#) · Contact

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For quotations, samples, or bulk orders of PET protective films and optical clear adhesive (OCA) for touch panels, cover glass, diffuser sheets, and electronics assembly, please contact us by email or WhatsApp.

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