

● CHANGZHOU WANSEN NEW MATERIAL



GLOSS BLACK

MIDNIGHT SERIES

Engineered for the ultimate mirror finish. Wansen New Material's **Gloss Black Series** utilizes proprietary color infusion molding and high-gloss coating technologies to deliver a deep, luxurious texture comparable to piano lacquer.

Utilizing German Covestro Raw Materials + USA Ashland Adhesive Technology. Defining pure "Black Knight" aesthetics from the source.

MANUFACTURING CAPABILITIES

5 Lines

Cast Film Lines

6 Lines

Coating Lines

 **Mirror Finish**
>92GU High Gloss

 **True Black**
Zero Orange Peel

 **Self-Healing**
Heat Activated

 **Warranty**
Long-term Assurance

TECHNICAL DATA

PERFORMANCE SPECIFICATION SHEET

7.5 MIL ± 0.3

Base Material	German Covestro TPU (Source of Raw Material)
Adhesive Layer	USA Ashland PSA (Source of Raw Material)
Visible Light Transmission (VLT)	< 0.5% (Opaque Black)
Glossiness (at 60°)	≥ 92 GU (High Gloss Piano Black)
Water Contact Angle	> 105° (Super Hydrophobic)

Elongation at Break	> 300%
Tensile Strength	> 25 Mpa
Scratch Resistance	Heat Activated Self-healing
Weather Resistance	No fading, No chalking

Source Manufacturer

Changzhou Wansen New Material Co., Ltd. operates a robust manufacturing facility with **5 cast film lines** and **6 coating lines**. We are not just a producer; we are the anchor of your supply chain.

OEM/ODM Customization

We offer comprehensive customization from substrate coloration to functional coatings. Supporting neutral white-label packaging, customized backing paper, and brand empowerment.

CHANGZHOU WANSEN NEW MATERIAL CO., LTD.

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*DISCLAIMER: References to raw material brands (Covestro, Ashland) are for descriptive purposes only to indicate the source of raw materials used in the manufacturing process and do not imply a direct endorsement or partnership.

WANSEN

PROFESSIONAL FILM
MANUFACTURER