CERAMIC PRO

SHIFT



Next-generation color PPF with pigment embedded directly into the TPU structure, delivering stable, saturated, and evenly distributed color. Multi-layer composite design where each layer serves a dedicated function while maintaining uniform overall performance. High-quality adhesive ensures strong adhesion without compromising the substrate.

PRODUCT IDENTIFICATION

PRODUCT NAME	TYPE	MANUFACTURER
Ceramic Pro SHIFT	Color Paint Protection Film	Nanoshine Group Corp.

PROPERTIES

THICKNESS **185** ±5 µm	GLOSS · GLOSS COLORS ONLY **>95** GU
TENSILE STRENGTH **>23** MPA	ELONGATION AT BREAK **≥350** %
PEEL ADHESION **650** N/M	ΔE **≤2**
HARDNESS **87** SHORE A	TEMP. RESISTANCE **–40/+120** °C
APPLICATION TEMP. **13–32** °C	APPLICATION METHOD **WET** ONLY

FEATURES

- 120+ vibrant colors ready to order
- 360+ total colors available
- Easy-to-install adhesive system
- Scratch healing by heat-gun
- SGS tested and REACH SVHC compliant

COMPOSITION

Cap Sheet	—
Top Coat	10 µm
Transparent TPU	100 µm
Color TPU	30 µm
Color Base TPU	20 µm
Adhesive	30 µm
Release Liner	PET



LAB TESTS

TOP COAT ADHESION · GB/T 9286
Class 0 (cross-cut)

SELF-HEALING · 100 °C WATER
Scratches fully disappear

XENON 1,000 H · GB/T 1865 CYCLE A
ΔE*ab ≤ 0.72 · gloss ≥97.9 %

SALT SPRAY 1,000 H · GB/T 10125
No change in appearance

UV TEST 3,000 H
Pass

SGS tests on a production color sample; results vary by color. UV test — manufacturer data.

IMPORTANT

SHIFT film's protective top coat provides basic resistance to common contaminants, but it is not a long-term anti-stain or self-cleaning coating. Remove bird droppings, tree sap, insect residue and similar contaminants promptly to prevent staining. For enhanced hydrophobic performance and longer-lasting protection, apply a Ceramic Pro coating over the film.

All testing must be performed on neutral test surfaces — never on a customer's vehicle. Nanoshine Group accepts no liability for damage, loss or expense arising from tests performed with third-party products, materials or equipment, or carried out contrary to these instructions.

DISCLAIMER

Minor shade variations between production batches of the same color are inherent to the manufacturing of colored PPF and vinyl films and do not constitute a product defect. Calculate the required film accurately before ordering, account for all project elements, and add a surplus — only a reserve from the same batch guarantees an exact color match for future repairs. Batch availability is limited and not guaranteed. Inform the end customer accordingly.

NANOSHINE GROUP CORP
1F, NO.68 DUNHUANG ROAD, DATONG DISTRICT, TAIPEI CITY 103048, TAIWAN (R.O.C)
WWW.CERAMIC-PRO.COM
INFO@NANOSHINE-GROUP.COM