



The Magnet Alternative – 3 x times Stronger.

Frog Skin, a revolutionary solution for vehicle graphics and countertop advertising.

Utilizing the Matrix White / Clear silicon micro-suction adhesive based on physical adhesion (non-chemical bonding), it securely adheres to metal, glass, plastic, and other surfaces with $>150\text{g}/\text{cm}^2$ residue-free grip. The 0.3mm ultra-flexible substrate conforms seamlessly to complex curves (R50mm radius) with $\pm 0.05\text{mm}$ edge precision, eliminating traditional magnetic decals' "edge-lift" and bulkiness.

TripleGuard Protection Ensures Reliability:

Water Vapor Resistance: Hydrophobic drainage layer (contact angle $>110^\circ$)

Extreme Temperature Tolerance: -20°C to 80°C stable performance (GB/T 7124-2008 certified)

Zero Residue: Post-removal adhesive transfer $<0.1\text{g}/\text{m}^2$ (VDA 233-201 compliant)

Frog Skin redefines instant adhesion for both industrial and lifestyle scenarios – weatherproof durability for vehicles, scratch-resistant versatility for retail displays, and effortless rebranding for commercial spaces. From road-ready vehicles to tabletops, Frog Skin delivers engineering-grade trust through quantifiable performance.



New Energy Fleet Operators: Fleet advertisements can be kept on during washing without the need for removal, directly reducing the operation and maintenance costs.

High-end Automobile Brands: Limited-edition coatings for auto shows; Pre-applied anti-scratch strips for off-road vehicles.

Outdoor Signage in Extremely Cold Regions: Can be applied as usual at -20°C , ensuring winter marketing activities won't be "frozen" out.

New Favorite in the E-commerce Product Category: DIY installation of door anti-collision strips, personalized graffiti on car doors.



Why Choose Frog Skin?

Engineering-Driven Solutions to Fix Pain Points

Non-Ferrous Surface Adhesion

Micro-suction array (ASTM D903 peel strength test) + electrostatic-enhanced substrate enables universal adhesion on aluminum/carbon fiber/plastic smooth surfaces ($>150\text{g}/\text{cm}^2$) – 300% stronger than traditional magnetic car sign.

Curved Surface Fit & Water Resistance

0.3mm flexible engineering-grade film conforms tightly to large curved surfaces. Nano-suction negative pressure adhesion passes 24-hour continuous water impact test.

Extreme Environment Durability

Withstands -20°C freeze-thaw cycles without cracking (retains flexibility without deformation or brittle failure) 80°C high-temperature peel resistance (GB/T 7124-2008 certified) Post-removal residue $<0.1\text{g}/\text{m}^2$ (VDA 233-201 compliant)

High-Risk Zone Protection

Pre-cut armor films for doors/bumpers – absorbs impact energy to protect factory paint from scratches

Emergency Paint Rescue

99% UV blocking rate (ISO 105-B02 certified) Reduces rust spread rate by 71% after emergency application (200h neutral salt spray test)

Frog Skin VS Regular Magnetic Car Sign

Category	Frog Skin	Magnetic Car Sign
Adhesive Principle	Micro-suction negative pressure adhesion	Relies on ferrous surfaces
Extreme Temperatures	Stable performance from -20°C – 80°C	Adhesive failure in heat; brittleness in cold
Maintenance Costs	One-time application lasts 1 year	Weekly removal & cleaning
Watermark Risk	Paint remains pristine post-removal	Watermarks damage paint

More Applications



Specification

Thickness: 0.37mm
Surface: Matte White
Width: 1370mm
Length: 30m

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