



NANO GRAPHENE COATING V3



ADVANCED POLYMER TECHNOLOGY

FIRST IN AUTOMOTIVE CARE

REDUCED WATER SPOTS















**THE ORIGINAL
AUTOMOTIVE
GRAPHENE
COATING**

ARTDESHINE

NANO GRAPHENE COATING V3

The ultimate coating solution to reducing etching, spotting, watermark issues and corrosion. First in the industry and the first choice of detailers. Artdeshine's Nano Graphene Coating takes advantage of beneficial properties from graphene technology and formulated with the functionality of advanced polymer materials.



CAPABILITIES

 ETCHING REDUCTION	 ENHANCED TENSILE STRENGTH	 7 YEARS BONDING DURABILITY
 RAPID HEAT DISPERSION	 ENHANCED FLEXIBILITY	 RAPID WATER DISPERSION
 CORROSION RESISTANT	 ENHANCED DURABILITY	 HYDROPHOBIC
 CHEMICAL RESISTANT		 SELF CLEANING PROPERTIES
		 ANTI-FOULING
		 ENHANCED UV RESISTANCE
		 EASY CLEANING

Combining the low thermal conductivity of PDMS and the ability of rGO to resist corrosion, NGC helps to reduce the effects of water spotting, etching and harmful chemical reactions.






NGC's advanced polymer technology forms a flexible tensile yet tough coating that bonds extremely well and durable to wear and tear.

CAPABILITIES

 ABRASION RESISTANT
 LOW SURFACE FRICTION

A smooth surface reduces friction, thus lowering the amount of force created by abrasive actions that can otherwise cause fine-lines and scratches. This results in significantly less damage caused during washing and drying.

FINISHING

 WET GLOSS
 CLEAR REFLECTIVITY
 EXTREMELY SLEEK
 DARKENS MATTE SURFACES
 ENHANCES MATTE SHINE

TECHNICAL INFORMATION

<p>Surface suitability: Gloss clear coats on automotive body, gloss or matte vinyl wraps, paint protection film (PPF) wraps, acrylic parts, gloss/matte plastic trims and fittings.</p> <p>Bonding Durability (normal conditions): 7 years</p> <ul style="list-style-type: none">• 400 washes ph neutral• climate range -20°C to 35°C <p>Bonding Durability (extreme conditions): 7 years</p> <ul style="list-style-type: none">• 200 washes pH 3>13• climate range -40°C to + 40°C <p>Chemical Resistance: pH2 - pH14</p> <p>Consumption: 2-3 ml/m² or 15-20ml per mid-sized sedan</p> <p>Average Coating Thickness: 1.0 – 1.2 µm</p> <p>Liquid substance repellance of treated surface:</p> <ul style="list-style-type: none">• Distilled water droplet average contact angle - 110-120°	<ul style="list-style-type: none">• Vegetable oil droplet average contact angle - 80-90° <p>Average sliding Angle on coated clear coat surface: 20° Average Contact Angle Hysteresis on coated clear surface: 17°</p> <p>Surface Dry:</p> <p>2 hours (tropical/humid) / 12 hours (temperate/dry) or 0.5 hour infared assisted 40-50°C</p> <p>Full Curing:</p> <p>4 days (tropical/humid) / 7 days (temperate/dry)</p>
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