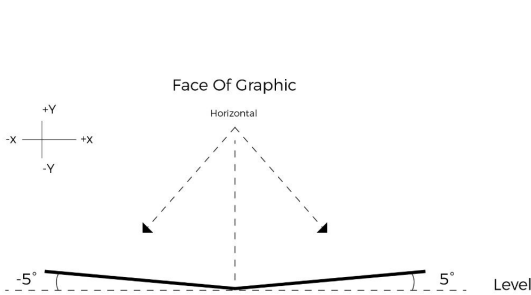


N0.	SERIES	CODE SERIES		COLORS	SIZE	THICKNESS
1	High Gloss Vinyl	HGF	HGF-T	68	60 " x 60ft / 1520mm x 18m	150 Microns
2	Gloss Aluminum Vinyl	GAF	GAF-T	33	60 " x 60ft / 1520mm x 18m	150 Microns
3	High Gloss Metallic Vinyl	HGM	HGM-T	56	60 " x 60ft / 1520mm x 18m	150 Microns
4	Pearl Vinyl	GPF	GPF-T	9	60 " x 60ft / 1520mm x 18m	160 Microns
5	Pearl Diamond Vinyl	MDF	MDF-T	11	60 " x 60ft / 1520mm x 18m	160 Microns

SPECIFICATIONS

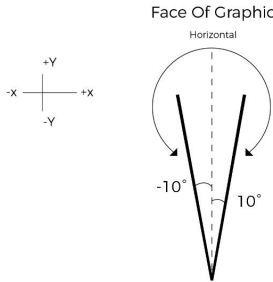
Finish	Gloss
Film Type	High-grade polymeric calendered self-adhesive film
Protective Liner	PET Liner
Adhesive	Henkel solvent-based acrylic adhesive (Transparent Adhesive)
Removability	Low Tack removable adhesive ,maximum adhesion is achieved in 24 hours
Release liner	New air drain technology (ADT) ensures fast and easy bubble free installation
Storage Period	2 Years from the Manufactured Date in Temperature Range of +10°C to +25°C Relative Humidity 50%, in original package, away from direct sunlight, clean and dry place .
Application Conditions	We strictly recommend applying film indoors, as this will not only help maintain a consistent temperature, it will also reduce the amount of dust and contaminants that may collect on the surface.

DURABILITY INFORMATION



* HORIZONTAL EXPOSURE

The face of the graphic is **【+ / -5°】** from horizontal.



* VERTICAL EXPOSURE

The face of the graphic is **【+ / -10°】** from vertical.

VERTICAL EXPOSURE	ZONE 1	ZONE 2	ZONE 3
	3 Years	2 Years	1 Year
HORIZONTAL AND NON_VERTICAL EXPOSURE	ZONE 1	ZONE 2	ZONE 3
	2 Years	1 Years	Up to 1 Year

Zone 1

Zone 1: Andorra, Armenia, Austria, Azerbaijan, Belorussia, Belgium, Bosnia-Herzegovina, Canada, Croatia, Czech RepublicDenmark, Estonia, Finland, metropolitan France, Georgia, Germany, Greenland, Hungary, Island, Ireland, Italy (north of Rome)Kazakhstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Moldavia, Montenegro, Norway, the Netherlands, Poland, Romania, UnitedKingdom, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, USA (excl.: USA desert's - zone 3)

Zone 2

Zone 2: Afghanistan, Albania, Argentina, Australia (southern States), Bahamas, Barbados, Belize, Bangladesh, Bhutan, Burma.Bolivia. Brazil. Bulgaria. Cambodia. Cape Verde, Caribbean islands, Chile, China. Cooperative Republic of Guvana, Cuba. CyprusColombia, Costa Rica, Crete, Ecuador, El Salvador, Fi, French West Indies, Greece, Guatemala, Guyana, Haiti, Honduras, indiaIndonesia, Italy (south of Rome), Jamaica, japan, Kyrgyzstan, Korea, Laos, Lesotho, Macedonia, Malaysia, Maldives, Malta, Mongolia.Nepal, Nicaragua, New Zealand, Pakistan, Panama, Papua-New-Guinea, Paraguay, Peru, Philippines, Polynesia, Porto Rico, Portugal, Dominican Republic, Sardinia, Singapore, South Africa, Spain, Sri Lanka, Surinam, Swaziland, Syria, Taiikistan, Taiwan, ThailandEast Timor, Turkey, Turkmenistan, Uruguay, USA (Arizona, California, Florida, Nevada, New Mexico, Texas, Utah, Uzbekistan, Venezuela, Vietnam, West Indies..

Zone 3

Zone 3: Algeria, Angola, Australia (northern and desert states), Bahrain, Benin, Botswana, Burkina Faso, Burundi, CameroonCentral African Republic, Chad, Congo, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, GabonGambia, Ghana, Guinea, Guinea-Bissau, Irag, Iran, Israel, Ivory Coast, Jordan, Kenya, Kuwait, Lebanon, Liberia, Libya, MadagascarMalawi, Mali, Morocco, Mauritius, Mauritania, Mexico, Mozambique. Namibia. Niger., Nigeria, Oman. Palestine. Oatar. Reunion IslandRwanda, Senegal, Saudi Arabia, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Tunisia, Uganda, United Arab Emirates, WesternSahara, Yemen, Zambia, Zimbabwe and all desert areas.

APPLICATION AND END USES

Conformability	Flat, simple and moderate compound curves, convex and concave surfaces
Applications	Full Vehicle Wraps & Graphics, Architectural Signage, Buses, Cars, Trucks & Vans, Mirrors, Bumpers, Hoods, Roofs, Door handles, Vehicle lettering, Interior trim, Watercraft, Decals & Stripes, Accents & Trim, Dash panels, Electronics .(smooth and medium curved surfaces)
End Uses limitations	1)Surfaces painted with poor paint 2)Low surface energy substrates 3)Weak binding surfaces 4) Rusty metal surfaces like iron, copper, brassy, silver; surfaces with silicone, wax, or any other coating (ceramic, quartz) -Moist or cold surfaces with weak binding

OPERATING RECOMMENDATIONS

Application Tools	High density felt squeegee Sharp Blade (Knives with 30 and 45-degree blades) Professional temperature controllable heat gun Lint-Free Towel or Lint-Free <u>Paper</u> Towel (Make sure that the surface, edges, corrugations, hollows, humidity under rubber seals and joints of the vehicle are dry) Wrap Gloves
Pre-installation	Follow the recommended application temperature. Operating in temperatures below recommended impairs adhesive layer properties and reduces its stickiness on the edges. Operation in temperature above recommended causes destruction of air release channels. Air release channels collapse causes adhesive lines.

SURFACE CLEANING

Pre-Installation Cleaning Products	1) Clean the surface with a soapy solution. 2) General Paint-safe Cleaner, Clean away any petrochemical contaminates (tar, oil, grease) 3) Grease and wax remover 4) Clean the surface with abrasive clay to remove the rest of the contamination 5) Isopropyl Alcohol (IPA)
Steps to wash car after wrapping	1)Don't washing the car during wrapped after one week 2)Keeping your vehicle wrap clean by hand washing your vehicle regularly. 3)Do not take the car through automatic car washes with bristles. Only use touchless automatic car washes.
Notes	Rinse off as much dirt (Clean stains / droppings immediately) as possible with a spray of water, non-abrasive automotive soap , then rinse and dry with soft microfibers. A high-pressure spray can be used on most vinyl wraps from a distance. Keep the nozzle at least 12 inches away from the surface. Never point the nozzle directly on wrap or against a seam as a rip or tear could appear. Please note that the application of waxes, polishes, or coatings changes the finish and may impact the film's longevity. Gloss finishes can be waxed with a polymer based wax, never use an electric buffer! Park your car in the shade. The constant beating of the sun is bad enough on paint and is much harsher on vinyl. Protected or not. If possible, park your car in the garage to protect the wrap. Otherwise, this may lead to faster color fading and change the adhesive properties. Precipitation like rain may have pollutants.

FILM REMOVAL

	Car wraps are intended to be temporary. But if you take extremely good care of the vinyl wrap, it can last for 5years. Vinyl used for a vehicle wrap, no matter how good it is, simply is not as robust and durable as a good coat of paint. This doesn't mean that a car wrap cannot look great for many years – all it takes is proper care. That extra care can add a few more years to your car wrap's longevity. Note: Vinyl is a lot softer than paint, this means that it can be easily damaged or scratched. But one of the joys of vinyl vehicle wraps is that you can easily remove it .
How to remove a vehicle wrap	1)Do start from an edge and loosen the wrap carefully from there. 2)Don't use abrasive tools to lift the edge – a plastic spatula or squeegee should do. 3)Do heat the vinyl gently to relax the adhesive and make it easier to peel off. 4)Don't overheat it – this can leave adhesive residue and/or damage paintwork. 5)Do peel carefully and methodically to remove the vinyl in a single piece. 6)Don't panic if it tears, just continue from a loose edge and reheat if needed. Work methodically and discard each vinyl panel as it is removed. Don't worry too much about adhesive residue – it's best to keep this to a minimum, but it can be polished away at the end.