
Technology Data Sheet

3D carbon fiber film: CF01

1. Product description:

CF01 are series of decorative self adhesive films which are used three-dimensional textured vinyl that reflects light the same way as real carbon fiber parts to imitate the real carbon fiber effect. It is comprised of color textured vinyl with clear permanent adhesive and PE coating silicon release paper.

● Advantage

- ✓ Has a look like real carbon fiber bonnet and hard-top
- ✓ Available in 7 different colors (Part 8: Color chart)
- ✓ Soft stretchable film with strong adhesive, good ability for uneven and arched surface
- ✓ Easy to stick and remove
- ✓ Outdoor waterproof and Anti-UV ability, can be cleaned by water
- ✓ Applied on most common car paints, plastic and metal surface

Specification:

Vinyl thickness	Liner	Width	Length
150 micron	140g/m2 PE coating paper	1.27 / 1.52m	50m

2. Use area

- ✓ Interior/exterior surfaces of car, truck etc
- ✓ The back of laptop and cell phone
- ✓ Other flat paint, plastic, metal, acrylic board surface

3. Limitation

This type is not recommended for the following applications:

- ✓ The surfaces of substrates are dirty, solvent cleaned, grease, silicon coating which affect the adhesion of the glue.
- ✓ Lacquered or painted surfaces freshly

4. Temperature ranges

Minimum application temperature > 10°C

Service temperature range - 20°C to~ 75°C

5. Shelf life:

1 year in material's original packaging, storage temperature of 15-22 deg C, relative humidity of 50~55%.

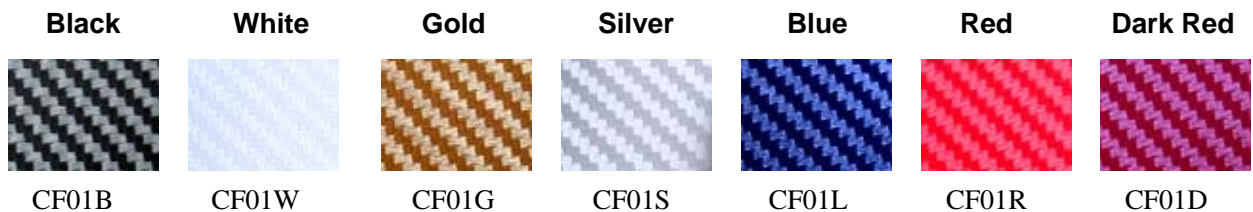
6. Durability:

2 years life. But it also depends on printing method and ink. Correct substrate preparation and maintenance of vinyl will enhance durability.

7. Technical data

Film	Composition	Textured color vinyl
	Thickness with glue	150 micron
	Shrinkage after application	< 1%
Adhesive	Adhesive Type	Transparent Solvent, pressure sensitive
	Removable ability	Permanent
	Thickness	0.02±0.003 mm
	180 degree Peel (24hr)	560N/m
Liner	Type	PE coating silicon paper
	Weight	140g/m ²
	Release force	30g
	SA rate	>75%

8. Color chart



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