

# Technical datasheet

## Textured 3D carbon fiber film: CF02

### 1. Product description:

CF02 is long time polymeric carbon fiber effect decorative self adhesive film which is 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 polymeric vinyl with clear removable adhesive and textured PE coating silicon release paper make it bubble free when operation.

#### ● Advantage

- ✓ Have a look like real carbon fiber bonnet and hard-top
- ✓ 5years life Polymeric vinyl
- ✓ Air egress, no bubble at operation
- ✓ Removable adhesive, no adhesive leaving behind the surface
- ✓ Waterproof and Anti-UV, anti-rain ability, can be cleaned by water
- ✓ 170micron film, anti-damaging
- ✓ Soft stretchable file with strong adhesive, good ability for arched surface
- ✓ Applied on most common car paints, plastic and metal surface

#### ● Specification:

| Vinyl thickness | Liner                  | Width | Length |
|-----------------|------------------------|-------|--------|
| 170 micron      | 140g/m2 textured paper | 1.52m | 50m    |

#### ● Color chart:



### 2. Use area

- ✓ Long time exterior surfaces of vehicle, such as car/truck wraps
- ✓ The surface of laptop and cell phone
- ✓ Other flat paint, plastic, metal, acrylic board surface

### 3. Limitation

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 operating temperature: >10°C

Service temperature range: - 25°C to~ 70°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:

5 years service life. Correct substrate preparation and maintenance of vinyl will enhance durability.

### 7. Technical data

|                 |                             |   |
|-----------------|-----------------------------|---|
| <b>Film</b>     | Composition                 | Textured Polymeric color vinyl          |
|                 | Thickness with glue         | 170 micron                              |
|                 | Shrinkage after application | <0.8%                                   |
| <b>Adhesive</b> | Adhesive Type               | Transparent Solvent, pressure sensitive |
|                 | Removable ability           | Removable                               |
|                 | Thickness                   | 0.02±0.003 mm                           |
|                 | 180 degree Peel (24hr)      | 500N/m                                  |
| <b>Liner</b>    | Type                        | Textured PE coating silicon paper       |
|                 | Weight                      | 140g/m2                                 |
|                 | Release force               | 30g                                     |
|                 | SA rate                     | >85%                                    |

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