



Technical datasheet

Printable self adhesive vinyl: HK102M

1. Product description:

HK102M is a self adhesive digital print film, comprised of a matt white calendered monomeric vinyl with clear permanent adhesive in single silicon PE paper liner.

● Advantage

- ✓ Economical type, money saving
- ✓ Smooth matt surface
- ✓ Permanent clear adhesive
- ✓ Short term outdoor using. 1.5years
- ✓ Soft film, good uneven holding ability

● Specification:

| Vinyl thickness | Liner | Width | Length | INK |
|-----------------|-------------------|----------------------------|--------|-------------------------|
| 80 micron | 120g/m2 Art paper | 0.914/1.06/1.27/1.37/1.52m | 50m | Solvent, ECO, UV, Latex |

2. Use area

HK102M is intended for making graphics in the following area

- ✓ Body of car, bus, truck, subway sign graphics
- ✓ Flat wall body
- ✓ Other flat substrates such as foam board, banner sheet

3. Limitation

NOT recommended for the following applications:

- ✓ High substrates light block area
- ✓ Dirty, solvent cleaned, grease, silicon coating which affect the adhesion of the glue.
- ✓ Lacquered or painted surfaces freshly. The dried lacquered must be tested by user for compatibility

4. Temperature ranges

Minimum operating temperature: >9°C

Service temperature range: - 15°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:

1.5 year in outdoor solution. But it also depends on printing method and ink. Correct substrate preparation and maintenance of vinyl will enhance durability.

7. Technical data

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| Film | Composition | Matt calendered monomeric vinyl |
| | Thickness | 80±5 um GB/T6672-2001 |
| | Dimensional Stability | Max 0.5mm (48 hours at 70°C, Aluminium plate, MD) FTM14 |
| | Seawater resistance | 100h/23°C no variation (adhered to aluminium plate) DIN50021 |
| Adhesive | Adhesive Type | Clear solvent, pressure sensitive |
| | Removable ability | Permanent |
| | Net weight | 20±1 g/m ² |
| | Initial Adhesion(2hrs) | 1.0±0.1kgf/inch FTM9 |
| | 180°Peel strength(steel, 24hrs) | 2.0±0.2kgf/inch FTM1 |
| Liner | Type | Single PE coating silicon art paper |
| | Weight | 120±5 g/m ² |
| | Release force | 40g |

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