

Technical datasheet

Air egress polymeric self adhesive vinyl HK160

1. Product description:

HK160 is a longtime outdoor durability air egress printable car wraps, suitable for Solvent/ECO, UV and Latex ink digital printing, comprised of a glossy white polymeric vinyl face with grey adhesive and a PE textured release paper.

● Advantage

- ✓ 60micron soft polymeric film, using for car wraps
- ✓ Textured liner paper, Air egress, Bubble free
- ✓ 5~7years polymeric vinyl film
- ✓ Grey adhesive, excellent light block ability
- ✓ Excellent adhesion ability for uneven and arched surfaces
- ✓ Soft vinyl film, suitable for indented surface
- ✓ Special PVC film for solvent/ECO digital printing, screen printing, UV and Latex
- ✓ Can be laminated with over-lamination film

● Specification:

Vinyl thickness	Liner	Width	Length
60 micron	140g/m2 Single PE textured paper	1.27/1.37/1.52m	50 /100m

2. Use area

HK160 vinyl is intended for making graphics in the following area

- ✓ Body of car, bus, truck, subway sign graphics
- ✓ Other flat substrates such as foam board, acrylic, polycarbonate 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: >9°C

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

5. Shelf life:

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

6. Durability:

5~7 years service life. Correct substrate preparation and maintenance of vinyl will enhance durability.

7. Technical data

Film	Composition	glossy Polymeric vinyl
	Thickness of vinyl	60±5 um GB/T6672-2001
	Dimensional Stability	Max 0.5mm (48 hours at 70°C, Aluminium plate, MD) FTM14
Adhesive	Adhesive Type	Solvent, pressure sensitive
	Color	grey
	Removable ability	Permanent
	Thickness	20±2 um
	Initial Adhesion(20min)	13±2N/inch FTM1
	180 degree Peel (24hr)	16±2N/inch FTM1
Liner	Type	PE coating silicon paper, textured
	Air egress	Yes
	Weight	140g/m2
	SA rate	>85%

Notice: The purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All published document is based on our R &D center careful research and test work.

Item No. NOTE:

HK160: Glossy vinyl, Grey adhesive

HK160-M: Matt vinyl, Grey adhesive

HK160-C: Glossy vinyl, Clear adhesive

HK160-MC: Matt vinyl, Clear adhesive