



# Technical datasheet

## Digital printing reflective sheeting: RK1320

### 1. Product description:

RK1320 is a PVC self adhesive commercial grade reflective vinyl, suitable for solvent ink digital printing and screen printing. It is comprised of a reflective vinyl film with permanent solvent adhesive and yellow glassine paper.

#### ● Advantage

- ✓ Suitable for solvent ink digital printing, and screen printing
- ✓ High glossy reflective surface, excellent reflective ability
- ✓ Wide color range: white, yellow, red, green, blue
- ✓ Strong permanent adhesive, good uneven holding function

#### ● Specification:

Face film	CPL (white)	Width	Length	Ink
PVC	50	1.22m, 1.24m	45.7m	Solvent, ECO, UV

### 2. Use area

RK1320 vinyl is intended for making graphics in the following area

- ✓ Short term external advertisement signage and vehicle livery applications.
- ✓ Pressure-sensitive labels for reflective situation
- ✓ Flat surface as stainless steel, vehicle body
- ✓ 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. The dried lacquered must be tested by user for compatibility

### 4. Temperature ranges

Minimum application temperature: >9°C

Service temperature range: - 25°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:

3 year in outdoor solution. It also depends on printing method and ink if printed.

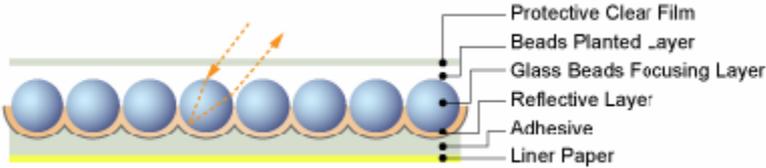
Correct substrate preparation and maintenance will enhance durability.

## 7. Technical data (GB/T18833-2002 level 4)

### ● Coefficient of Retro-reflection

Coefficient of Retro-reflection (Observation Angle 0.33°, Entrance Angle -4°)						
White	Yellow	Red	Green	Blue	Orange	Black
30	15	5	4	2.5	15	0

### ● Other data

Film	Composition	Glossy PVC + glass beads +reflective layer
	Thickness with glue	200±10micron
	Shrinkage after application	<1%
Adhesive	Adhesive type	Pressure solvent sensitive glue
	Removable ability	Permanent
	Thickness	0.02±0.003mm
	180 degree Peel (24hr)	580N/m
Liner	Type	Yellow glassine paper
	weight	170g
	Release force	40g
	SA rate	>85%
Package	Box	Carton
	Corn	3 inch
Structure		

**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.