



**MANUFACTURER NEWLIFE MAGNETICS**

**MACO DISPLAY SYSTEM  
SPECIFICATION SHEET**

MACO CLING-KING SERIES

**CK-UV-PET**

Edition: A0 NO: NMEQS-MACO 136

**FEATURES AND ADVANTAGES:**

- White matt PET with Cling-King, compatible for UV curable and Latex printing.
- Cling-King adheres to any smooth, non-porous surface. The adhesive works by using countless micro suction cups.
- Premium PET base, high and low temperature tolerance, excellent for durable indoor and semi-outdoor display.
- Cling-King can be removed without residue, even after long term application to a surface.
- Applies easily on glass walls and windows, steel, ceramic, metal, smooth finished wood and plastic.

**CONSTRUCTION DRAWING:**

- top coating
- white PET: 75µm (3mil)
- Cling-King
- release liner

**STANDARD SIZE:**

30M×1070mm	50M×1070mm
30M×1270mm	50M×1270mm
30M×1370mm	50M×1370mm
100F×42inch	165F×42inch
100F×50inch	165F×50inch
100F×54inch	165F×54inch

**PACKAGING:**

3" core      lid-tray box

**PRINTING INDEX:**

○ compatible	△ testing required	× not compatible	(ECO) SOLVENT	UV CURABLE	LATEX	DYE/PIGMENT	OFFSET/FLEXO	SCREEN PRINT	TONER BASED
			×	○	△	×	○	○	×

**ADHESION DATA:**  
GB/T 4851-1998 - 180 degree, adhesion to stainless steel

	<u>g/cm<sup>2</sup></u>
- 72 hour RT	100

**PHYSICAL DATA:**

Total thickness	140µm (±14) (5.5mil)
Weight	185g/M <sup>2</sup> (±18)
Light transmittance	5~12%
Water resistance	Medium-high
UV resistance	Medium
Relative high temperature	
Operating ranges:	
Long term (days, weeks)	60°C/140°F
Short term (minutes, hours)	120°C/248°F

**PROCESS AND STORAGE:**

- Working condition: temperature 15°C/59°F to 30°C/86°F, and relative humidity 30% to 60%.
- Application condition: temperature -20°C/-4°F to 60°C/140°F, relative humidity 20% to 80%.
- Storage condition: In original box out of direct sunlight, in temperature 10°C/50°F to 35°C/95°F, relative humidity 20% to 70%
- Shelf life: 12 months under normal storage conditions. Unfinished material should be re-sealed, and used within one month.

**NOTICE:**

- Excess UV ink piling should be avoided, hard UV ink may cause brittleness, and cause cutting problems.