

## Pad Printing Cliches KM73 – Water washable

### Product Features

- **Wide range of application:**  
Plastic coated plate for quality pad printing, suitable for printing on promotional and industrial products
- **High printing quality and print run consistency**  
Very good grid presentation with smallest grid dot diameter  
Smooth vignettes  
Very good durability for long print runs by optimized relief formulation  
Grid width up to 175lpi (70l/cm)  
Excellent solid density due to brilliant ink transfer  
Reliably and reusable for repeat orders  
Sliding Layer for better contact  
Between plate and film
- **Efficient, consistent and fast plate processing**  
Wide exposure latitude  
Very high productive and cost saving due to complete plate processing within 30-35min  
Reduced down times on press due to fast replacement of damaged plates  
Environment-friendly plate processing with tap water

Technical Parameters	KM73	Processing Parameter <sup>1</sup>	KM73
Base Material:	Steel	Main exposure <sup>2</sup> (min):	1-2
Colour of raw plate:	Green	Screen film exposure (min):	1-2
Total plate thickness (mm):	0.73	Washout time at 20°C (min):	2
(inch):	(0.028")	Drying time at 60°C (min):	10
Plate hardness:	Shore D 65°	Post exposure time (min):	10
Relief depth (mm):	0.43		
(inch):	(0.017")		
Fine line range (down to µm)	40		
Isolated dot diameter (down to µm)	200		
Spectral sensitivity	300~400		

<sup>1)</sup> All processing parameters depend on among others the processing equipment, the lamp age and the used washout detergent. The above mentioned processing parameters were determined under optimum conditions on processing equipment for KM73 Cliches. When using other equipment and washout detergent, the processing parameters can differ from these. Therefore, the above mentioned values are only to be used as a guide.

<sup>2)</sup> Main exposure time must be tested.

**Suitable equipment:** Exposure units model types UV400, UV600, UV1000, ULTRALUX as well as all identical exposure devices with tubes. Also suitable for flat exposure devices.

**Printing inks:** Suitable for commonly used pad printing inks (e.g. UV inks, solvent-based inks, 2-K inks and solvent free inks).

**Washout medium:** For the washout process pure tap water is needed.