

## Pad Printing Cliches WSA52 – Water washable

### Product Features

- **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**
  - High resolution - up to 10.160dpi
  - Very good durability for long print runs by optimized relief formulation
  - Grid width up to 380lpi (150l/cm)
  - Excellent solid density due to brilliant ink transfer
  - Reliably and reusable for repeat orders
  - Suitable for pad printing jobs with > 20.000 impressions
- **Efficient, consistant and fast plate processing**
  - Wide exposure latitude
  - Highly productive and cost saving due to complete plate processing within 40-50min

### Technical Parameters

Base Material:	Steel
Colour of raw plate:	Red
Total plate thickness (mm):	0.52
(inch):	(0.020")
Plate hardness:	Shore D 92°
Relief depth (mm):	0.20
(inch):	(0.008")
Tonal range (%)	5-95
at screen rulling of	150l/cm (380lpi)

### Processing Parameter<sup>1</sup>

Main exposure <sup>2</sup> (min):	2.0-3.0
Washout time (min):	2.0
Washout temperature:	18°C
Drying time at 60°C (min):	10-15
Post exposure time (min):	8-10

<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 WSA52 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.