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## NEPTUNE WA TEXTILE SCREEN INKS

**NEPTUNE WA SCREEN TEXTILE** colours have been designed to enable printers to produce screen prints on cotton and most 50/50 cotton/polyester blends with the use of catalyst, or heat curing. Prints once dried retain the original soft feel of the fabric. Wet on wet prints may be made with Neptune WA inks.

Neptune inks are also suitable for paper and card, no Catalyst or heat curing required.

### TYPE OF STENCIL:

**Water Resistant.**

### MESH:

Coarser grades of screen mesh produce prints with the most intense colours. It is therefore recommended that these following grades be used as a guide:

Colours : 43 – 62T Monofilament

Fluorescent colours  
Opaque White : 34 – 43T Monofilament

Metallics : 21 – 43T Monofilament

### COVERAGE:

Approximately 15 Sq m/Lt using a 62T mesh.

### THINNERS:

Up to 5% water may be added. Inks should be washed up with water, and not allowed to dry in the screen. Screens treated with a hardener may be cleaned with screen wash.

### COLD CURING:

Neptune WA inks may be cold cured by the addition of 2% S23700 Catalyst. Catalysed inks have a working life of 12 hours, after which the ink should be discarded. For maximum resistance to washing it is recommended that Neptune WA inks are heat cured.

### HEAT CURING:

**Without Catalyst S23700, 160°C for 2-3 minutes.**

### FASTNESS:

Lightfastness is good, approximately 6 on the blue wool scale. When cold cured, prints are resistant to gentle wash programs at 40 °C. Metallics and Fluorescents are particularly sensitive to harsh washing conditions. Neptune WA inks are not recommended for polyesters, acrylics or nylon fabrics. Care must be taken to ensure that traces of spinning oil on some fine fabrics are removed before printing. The following colours are not recommended for dry cleaning: 210, 211, 212, 213, 214, 215, 523, 624.

**AIR DRYING OR COLD CURING CATALYST IS REQUIRED  
HEAT CURING CATALYST IS NOT REQUIRED**