

# TECHNICAL DATA SHEET FOR *MEXAR TEX ONE* PIGMENT INKS FOR DIRECT TO FABRIC

**MEXAR TEX ONE** INKS ARE DESIGNED FOR DIRECT TO FABRIC INKJET APPLICATIONS. THESE HIGH QUALITY PIGMENTED INKS ARE DESIGNED TO PRINT TO A VARIETY OF FABRICS HOWEVER WORK EXTREMELY WELL ON COTTON OR COTTON RICH BLENDS

AVAILABLE FOR: **EPSON, RICOH, KYOCERA, FUJI, PANASONIC AND SEIKO PRINTHEADS**

## AVAILABLE COLOURS

**CYAN****MAGENTA****YELLOW****BLACK****GREY****RED****GREEN****ORANGE****BLUE****VIOLET**

## DIRECTIONS FOR USE:

**MEXAR TEX ONE** inks contain heat curable binders in the inks. Once printed, the inks will need to be heated to 160 degrees C to ensure the polymerisation step occurs successfully. Dwell time in the heaters depends on the type and design of heating elements used, however, typically this would be 1-3 minutes.

**MEXAR TEX ONE** inks should be stored in ambient conditions away from direct sunlight. Temperatures should not go below 5 degrees C or exceed 40 degrees C. There is no need to shake the bottle before use. **MEXAR TEX ONE** inks are completely stable and dispersed.

## GENERAL FEATURES

- Superb wash fastness properties
- Excellent wet and dry crock fastness
- High density black ink
- Wide colour gamut with CMYK and extended with spot colours
- Very low handle of the fabric
- Aqueous ink technology (low environmental impact)
- Superior light resistance (including high light fast yellow)
- Suitable for a wide variety to fabrics
- Binders included in the ink, therefore pre-treatment is not required
- No wash off procedure required
- Available for a range of different piezo inkjet printheads
- Compatible with commercially available pre-treatments
- Made in the UK



Product	Light Fastness	Wash Fastness (40 degrees C - iso 105C10)	Dry Rub Fastness	Wet Rub Fastness
Cyan	8	5	3/4	3
Magenta	7	5	4/5	4
Yellow	7/8	5	4/5	4
Black	8	5	3/4	3
Red	7	5	4/5	3/4
Orange	7	5	4	3/4
Blue	7/8	5	4	4
Green	7	5	4	3/4
Grey	8	5	4/5	4
Violet	7	5	4	3/4

### Treatment Options

Whilst it is not necessarily required to pre-treat or post-treat fabrics, it can be advantageous to add a treatment to increase certain properties

**Mexar Pre-treatment** - Pre-treatment can be applied to the fabric prior to printing to increase the colour density and vibrancy of prints. The pre-treatment allows the pigments to sit nearer the surface of the textile thus maximising the colour properties of the pigment particles

**Mexar Post-treatment** - If increased rub and wash fastness properties are required; Mexar post-treatment can offer great advantages. This post-treatment can be applied to printed fabric using spray or roller technology. Once heat cured, the wet rub fastness properties of all colours are dramatically increased

### Contact

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