

MiScreen Digital Mesh is a new generation QS Digital Master manufactured by RISO Kagaku Corp. of Japan, a digital thermal screen printing mesh using 'P' type polyester construction for greater strength and durability. As with previous RISO thermal mesh types, the advanced technology of binding a thermal film to a screen mesh provides a pre-tensioned screen with the ability to be taken on/ off the frame for reuse after the image has been created.

MiScreen Digital QS Master is suitable for use in:

- ✓ RISO MiScreen
- ✓ RISO GOCCOPRO Models: QS200 and QS2536
- ✓ RISO ScreenFax models (discontinued): SP-151, SP-180, SP-265 or SP-275
- ✗ Not recommended for GOCCOPRO 100 as mesh is only 28cm wide, GP100 is 32cm width.
- ✗ Do not process using a laminator, photocopier, sunlight or against U.V. lamp.
- ✗ Not suitable for use with RISO Print Lamp models: B6, PG-5, PG-11, B5 or PG Arts
- ✗ Not recommended for Thermal-Copiers A3/ A4 models, VistaFax or 3M ThermoFax

MiScreen QS Mesh Grey to Pink

Digital designs are almost invisible to view on white mesh, therefore a colour pigment is added during manufacture to assist with usage and registration of layers. RISO's have changed from grey to pink for aesthetic reasons, reducing visual imperfection of streaks the grey pigment produced.

Minor colour variations within the pink mesh will continue to occur, this is not a fault, just a standard part of the mesh manufacturing process, with no affect on image quality, it is visual only.

During the manufacturing process small imperfections in the mesh prior to stretching can occur. Where imperfections are removed a cut/ join will be present. Rolls with cuts/ joins are compensated with additional length added/ supplied.

Plastisol, Oil and Low Solvent Inks

Constructed using stronger and more durable 'P' type technology, MiScreen Mesh is suitable for use with plastisol, oil based and low solvent inks. Always test for suitability before use. *It is often the solvent ink cleaners that damage the mesh more than the inks during printing.*



Imaging Instructions



PDF, BMP, JPEG or PNG files can be used in the MiScreen utility software. The software will automatically convert the images into black and white bitmap data before transferring to the MiScreen machine.

Solid imaged and text will always print best. Designs with photographs and grey scales are automatically converted by the software and display on screen as they will image/ print. For best results resize images before importing into the MiScreen utility software.

- See section 3.2 of the MiScreen Operation Guide for conversion details.

Imaging

1. Cut mesh to size and mount to MiScreen frame, film (smooth) side upwards.
2. Import image into MiScreen utility software. When ready send to machine.
3. Insert MiScreen Frame (arrow first/front). Lower handle to begin and hold down until complete.

Watch video demonstrations online - www.gocopro.com.au/MiScreen

- ✓ Confirm MiScreen connection (using maintenance option in the utility software) on start-up.
- ✗ Do not lift the handle part way through imaging or an error will occur.

Cleaning and Storage

- ✓ Remove excess ink off before placing under running water (or using cleaners) to dissolve ink.
- ✓ Wipe only top (rough) side of mesh with soft cloth. Do not wipe/ rub film side.
- ✗ Do not use hot water, hi-pressure water or high solvent/ chemicals when cleaning.

MiScreen mesh will last many years in storage, where suitable conditions are provided:

- ✓ Store away from humidity, in a cool dry place out of direct sunlight (mesh is thermally active).
- ✓ Mesh can be stored on the frame, or removed and stored by rolling with smooth side outwards.
- ✗ Keep away from heaters and/or sources or radiant heat, especially during winter.
- ✗ Avoid cupboards, draws, boxes, etc. which come into contact with direct sunlight or heat.

