



Textile screen printing inks
for the eco-friendly professional

Frequently asked questions

Are Permaset inks environmentally friendly?

Yes. Permaset inks are formulated to be environmentally friendly. Permaset is a water based ink which does not include any CFC's, HCFC's, volatile solvents or aromatic hydrocarbons and unlike other brands it is also Phthalate free.

Are the colours of Permaset inks bright although it is a water based ink?

Yes, the colours of the Permaset inks are bright. Permaset was developed to connect the advantages of water based inks (softness) and plastisols (durability) while achieving excellent colour brightness and being rich in coverage.

Can I dry-clean artwork done with Permaset inks?

Yes, you can. Permaset inks are excellent dry-clean and wash resistance.

Can I mix the Permaset inks?

Yes, all can be mixed. Mixing Super Cover Colours with Standard Colours may affect the opacity on dark backgrounds; on light backgrounds mixing is no problem.

Can I use a tumble dry to set the ink?

Yes. Tumble dry is one of four methods to heat set the artwork.

After THOROUGH air drying, place in tumble dryer for say 30 minutes and test.

All these methods are subject to suit local conditions, moisture content of fabrics etc. Best advice is to do a test piece (or better, multiple pieces). These can be cured with the proper print, then taken out and evaluated at various stages of the curing or heat-set process to test washability.

We do our standard lab tests straight after printing, with the ink still wet into an oven at 150°C for 3 minutes. If the wash test does not work, we put it in for another minute and we've yet to see a failure.

However, must warn that more does not always mean better. Too much heat runs the risk of

- a) singeing the garment and
- b) overcuring, which will actually compromise the wash-fastness and will crack the print.

Can I use Permaset for printing on dark backgrounds?

Yes, you can print on dark backgrounds with Permaset inks. Especially for this purpose we developed the range Supercover Colours and Supercover Glow Colours which are excellent for covering dark backgrounds and receiving rich colours.

Do I have to prepare the ink before applying it onto the artwork?

(1) Stir Permaset inks well before use and

(2) we recommend testing the compatibility with all substrates before commencing a production run.

Do Permaset inks include any solvents?

No. It is a 100% solvent free water based textile ink.

Do Permaset inks include any toxic chemicals?

No. Permaset inks do not include any toxic chemicals.

Do Permaset inks smell?

No. Permaset is low in odour.

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