



MP31 Multi-Purpose Inks

Mutoh's MP31 eight colours – CMYK, O, G, B, Wh – ink set will deliver a very wide colour gamut and extremely accurate colour reproduction. MP stands for "Multi-Purpose", which refers to the unique capabilities of the inks and their extreme versatility. The inks allow direct printing on white, transparent and coloured roll & rigid substrates. Mutoh's MP31 series inks have a UV durability up to 2 years outdoor without lamination.*

The MP31 inks are particularly suited to applications that require high stretch or shrink such as thermo/vacuum-forming and shrink wrapping. Another unique appealing feature of Mutoh's MP31 inks is that they do not require any specific inkjet coating and will preserve the natural texture and look of substrates including for example matte or glossy look.

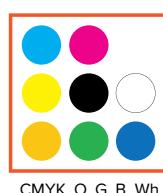
MP31 ink is a unique alternative for existing print businesses who are not attracted to UV alternatives and print businesses exploring high quality print applications onto "exotic" media types, typically not suited/intended for inkjet printing. Moreover, the white ink and extreme stretch & shrink behaviour make it possible to explore entirely new application opportunities.

Product Highlights

- 8 colour resin based ink set : C, M, Y, K, O, G, B, Wh
- Convenient ink packs – CMYK + White (500 ml) / OGB (220 ml)
- Suitable for roll and rigid substrates
- Great results on white, transparent and coloured materials
- Very wide colour gamut and extremely accurate colour reproduction
- Maintain the true look and feel of the substrate you are printing on
- Extremely stretchable and shrinkable
- Fixed and dried at regular heating temperatures
- Outdoor UV resistance up to 2 years



* UV durability CMYK - without lamination up to 2 years outdoor. In case mechanical stress is involved, protection (lamination ...) is required. Stabilisation is required prior to lamination.



CMYK, O, G, B, Wh



Piezo Variable Drop



High Elasticity



Indoor / Outdoor



Low Odour

Technology

Mutoh MP31 inks have been specifically developed for the piezo drop-on-demand head technology integrated in Mutoh's ValueJet 1627MH, 1628MH and 628MP printer models. They integrate a hot air knife media drying system, which delivers instant heating from the top, allowing drying of roll or rigid prints regardless of their thickness. A typical media surface temperature of 50 °C (or lower) enables a wide substrate compatibility. Prints are dry when they come off the printer.

Application Possibilities

The unique resin-based MP31 inks allow direct printing on rigid substrates, including foam board, cardboard, alu panel; even on acrylic sheets as well as rigid sheets (PVC, PS, PP, APET, PLA). Print on roll substrates including heat-sensitive media, shrink film, recyclable non-PVC media, etc. Deliver high quality graphics for short viewing distances such as trade show graphics, individualised wallpaper & interior decoration, posters, sign boards, cardboard etc. The MP31 inks are also suited for thermo/vacuum forming and shrink applications.

**MP31 - Ink Volumes & Printer Compatibility**

ValueJet 1627MH	500 ml pack (CMYK + White)
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ValueJet 1628MH	500 ml pack (CMYK + White) – 220 ml cassette (Or, Gr, Bl)
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ValueJet 628MP	500 ml pack (CMYK + White) – 220 ml cassette (Or, Gr, Bl)
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VJ-1627MH



VJ-1628MH



VJ-628MP

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