











## Mutoh 3D UV Inks

Stretchable UV inks fit for 3D fleet applications and much more...

-  Newly developed UV inks enable roll and rigid board printing
-  200 % elongation capabilities – suited for wrapping of 3D curved, riveted or corrugated surfaces
-  Zero % VOC & non-HAP ink
-  Prints are immediately dry and ready for lamination & application
-  Finished prints are odourless – suited for indoor use
-  Maintenance friendly – same ease of use as water-based printer
-  Production speeds up to 20 m<sup>2</sup>/h
-  Excellent average running cost





### **Benefit from the Evolution**

Specifically developed for Mutoh's Zephyr UV roll/rigid printer platform, the 3D UV inks result from Mutoh's ongoing commitment to develop innovative and sustainable print solutions for large format print providers. Thanks to their 200 % elongation capabilities, the inks will allow the same application flexibility for fleet applications as conventional solvent printers. Zephyr 3D inks are ideally suited for existing solvent printer users or industrial users with a focus on 3D wrapping, looking for a productive machine offering best print quality, low running cost, rigid & roll media compatibility and last but not least offering the flexibility to immediately laminate and apply prints.

### **Flexibility & Performance**

Mutoh Zephyr 3D inks will cover the widest possible range of roll-to-roll applications, including 3D wrapping. And more! Printing on rigid substrates and exotic roll materials that are not printable with solvent-based printers is also possible. Finished prints are odourless, which make them perfectly suited for indoor use. The inks offer an outdoor durability of up to 2 years, without lamination\*.

Tuned to the Zephyr grayscale head technology, the inks provide an unmatched image quality and wide colour gamut. Typical production speeds up to 20 m<sup>2</sup>/h are possible. In combination with Mutoh's unrivalled i<sup>2</sup> Intelligent Interweaving technology, it will be possible to deliver outputs with minimised image graininess and to suppress step mismatch & typical UV gloss banding. This will avoid trial and error printing, therefore reducing media waste.

\* : For heavy-duty applications where mechanical stress is involved, lamination is required.

High Quality HD	< 1 m	Allows printing of the tiniest details & maximises gamut	3.5 m <sup>2</sup> /h
Quality HD	< 1 m	Best balance between fine detail, gamut and speed performance	7.5 m <sup>2</sup> /h
Quality	> 2 m	Quality output for medium viewing distances	15 m <sup>2</sup> /h
Production	> 2 m	Regular production mode for medium viewing distances	20 m <sup>2</sup> /h

### **Safe and Easy to Use**

The Zephyr 3D UV ink is a 0 % VOC (volatile organic compounds) ink. No VOCs are spread in the working environment. The ink is also a NON HAP ink, meaning it does not contain any hazardous air pollutants.

Finished prints are odourless, which makes them suited for a wide range of indoor architectural prints. Immediately dry, finished prints can be laminated and applied right away, which drastically improves production efficiency.

Available in one liter bottles, the ink's attractive price combines with Mutoh's excellent average ink consumption to further reduce cost for print figures.

All things considered – you should be thinking Mutoh

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