

Fluolux® Copy

The choice for laser printers and copiers

White copier paper is a commodity – it should print well in a stack and lay flat after printing. Most mills have perfected it, although it is still classified in “A”, “B” and “C” grades depending on whiteness, brand image etc and of course “A” grades cost more.

With fluorescent it is a different ball game. Not only is this coated paper more difficult to produce (to maintain colour stability and flatness after printing in high temperature toner based copiers, laser printers and digital imaging machines), it can also be a health hazard. Standard fluorescent grades release free formaldehyde gas in small quantities when subjected to high temperatures. MDV, the leading producer of fluorescent coated papers and films grades discovered this a decade ago, while developing these grades for OEM Copier manufacturers. Naturally, in small closed rooms, there will be a build up of gas, which can lead to unpleasant pungent odours, and watering of eyes in the people present during printing.

Furthermore, standard grades use fluorescent pigments which are not heat-resistant, so that they can migrate from the coated surface on to the siliconised transport rollers in laser printers/copiers. These coloured pigment particles can then be re-deposited on to subsequent white papers used. In extreme cases, these pigments can damage rollers with repeated use.



MDV being a high performance and health and safety conscious partner, solved both these issues by using pigments:

- a) which release minimal amounts of formaldehyde at higher temperatures
- b) which are highly temperature resistant

It was important for MDV to establish the characteristics of the current range of fluorescent copier papers being offered in the market and it was decided to analyse various papers for their formaldehyde content. A reputable institute reported:

MDV Fluolux® Yellow	8.8 mg/dm ²
Competitor A	44.9 mg/dm ²
Competitor B	57.8 mg/dm ²
Competitor C	50.2 mg/dm ²
Competitor D	72.5 mg/dm ²



This shows that competitors' papers contain 5 to 10 times higher free formaldehyde compared with Fluolux® Copy!

We feel certain that you would not buy these papers for this use even if they were 5 to 10 times cheaper than Fluolux®. Would you ?

For more information, please contact us