



MagnaPrint® Uvisenz Ready for Use Inks

Light sensitive colour change inks

MagnaPrint® Uvisenz inks are a range of light sensitive coloured ready for use inks giving reversible colour change by exposure to UV or sunlight.

When sunlight or UV light is applied, the molecular structure of the colorant changes and exhibits colour which when the light source is removed reverses back to its original state.

The MagnaPrint® Uvisenz Ink range consists of the following colours:

- MagnaPrint® Uvisenz RFU Yellow
- MagnaPrint® Uvisenz RFU Blue
- MagnaPrint® Uvisenz RFU Purple
- MagnaPrint® Uvisenz RFU Red

Application

MagnaPrint® Uvisenz Inks are based on the AquaFlex V2 Range and are ready to print without needing any additives.

Printing is best undertaken using 32 – 77 (86 - 280) mesh screens. After printing garment / panel should be cured ideally for 1 minute at 165°C (330°F) or 1½ minutes at 140°C (285°F).

Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.

SPECIFICATION



FABRIC TYPES

Cotton / Poly Cotton blends



MESH

32 - 77T (86 - 210)



SQUEEGEE

Medium 65° Shore
Rectangular



STENCIL

Water resistant emulsion



CURE TEMPERATURE

1 minute at 165°C (330°F) or
1½ minutes at 140°C (285°F)



STORAGE

In cool place properly closed:
>5°C (40°F) <25°C (77°F)



HEALTH & SAFETY

MSDS available upon
request



CLEAN UP

Wash off screen using water
and mild detergent