



## TECHNICAL DATA SHEET – DIGITAL PRINTING – LIGHT-DIFFUSING BANNER

### DIF450

Light-diffusing, PVC-coated polyester banner of 450 g/m<sup>2</sup>, suitable for standard solvent, eco-solvent, latex and UV inkjet printing. Printable on the smooth side. Particularly intended for backlit applications (light boxes).

#### **BANNER FEATURES:**

	<u>Average values</u>	<u>Standard</u>
• Total thickness (µm):	400	
• Total weight (g/m <sup>2</sup> ):	450	
• Yarn/weft thread (DTEX):	1100 x 1100	
• Yarn/weft tear resistance (N):	180 / 150	DIN53363

#### **GENERAL PRINTER COMPATIBILITIES:**

	<b>Solvent</b>	<b>Eco-solvent</b>	<b>Latex</b>	<b>UV</b>
<b>DIF450</b>	✓	✓	✓	✓

#### **USER'S INSTRUCTIONS:**

- Touch-dry at the latest 5 minutes following application depending on the printer used.
- Operating temperature range: from +10° C to +30 °C (from 50 °F to 86 °F) with relative humidity between 30 % and 70 %
- Temperature resistance of the banner: from -30 °C to +70 °C (from -22 °F to +158 °F)
- Banner assembly by high frequency (H.F.) or hot air sealing
- Banner designing is possible by using Neoprene® glue (I) or double-sided adhesive tape such as STRONGBAN3.

#### **RECOMMENDATIONS:**

- For any laminating, coating and further processing, the optimum drying time of the inks is 24 hours minimum.

#### **STORAGE:**

- Shelf life (before application):  
The shelf life of this film is one year if it is stored at a temperature ranging from 15 °C to 25 °C (from 59 °F to 77 °F), with relative humidity of 50 %, in its original packaging, in an upright position, in a dust-free environment.

#### **NOTES:**

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. All information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at [www.hexis-graphics.com](http://www.hexis-graphics.com).

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