



## TECHNICAL DATA SHEET - DIGITAL PRINTING - PVC - PERMANENT ADHESIVE CSR25

Film composed of a 200- $\mu\text{m}$ , semi-rigid PVC, coated with a pressure-sensitive, acrylic adhesive. Product intended for solvent and eco-solvent inkjet printing. Matt surface finish.

### **FILM FEATURES:**

	<u>Indicative values</u>	
• Thickness ( $\mu\text{m}$ ):	200	
• Total thickness of the product ( $\mu\text{m}$ ):	390	
	<u>Average values</u>	<u>Standard</u>
• Total weight of the product ( $\text{g}/\text{m}^2$ ):	485	HEXGSM001
• Tensile strength (N/25 mm):	> 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

### **GENERAL PRINTER COMPATIBILITES:**

	<b>Solvent</b>	<b>Eco-solvent</b>
<b>CSR25</b>	✓	✓

### **LINER:**

- Silicone-coated Kraft paper 137  $\text{g}/\text{m}^2$ , with grey HEXIS print.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES:**

(Measured average values at publication of the technical data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	50	
after 24 hours of application	55	
• Initial tack (N/25 mm):	42	HEXFTM009
• Release (N/25 mm):	0.1	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

**ADHESIVE:**

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion.

**USER'S INSTRUCTIONS:**

- Leave an unprinted area of about 2 cm (0.79 in.) around the graphic.
- Touch-dry after less than 10 minutes depending on printer used.
- Optimal drying time for the inks before laminating or further processing is 24 hours minimum.
- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range (outdoors): -40 °C to +90 °C (-40 °F to +194 °F).
- Very good adhesion to glass, steel, aluminium, PVC, melamine, smooth concrete.
- In the case of painted substrates, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

**STORAGE:**

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

**DURABILITY:** (Central European climate)

- Vertical outdoor exposure on flat surfaces:  
Printed: One year.

*To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the "Conversion rules for indicative durabilities according to the geographical area" chart available under Durability, on the "Professionals" pages on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).*

**NOTES:**

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods, which are available on request. Please feel free to contact us to get the latest instructions in use. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).