



## TECHNICAL DATA SHEET - DIGITAL PRINTING

### STICKNRIDE

Thin and elastic, opaque white, 80- $\mu$ m, adhesive-coated polyurethane film. Suitable for temporary application to any kind of tyres.

#### **FILM FEATURES:**

	<u>Indicative values</u>	
• Thickness ( $\mu$ m):	80	
• Total thickness of the product ( $\mu$ m):	162	
	<u>Average values</u>	<u>Standard</u>
• Total weight of the product ( $\text{g/m}^2$ ):	213	HEXGSM001
• Tensile Strength (N/25 mm):	min. 10	HEXNFX41021
• Elongation at break (%):	min. 200	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.7	HEXRET001

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

	<b>Solvent</b>	<b>Eco-solvent</b>	<b>Latex</b>
<b>STICKNRIDE</b>	✓	✓	✓

#### **LINER:**

- 75- $\mu$ m polyester liner.

#### **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	18	
after 24 hours of application	not measurable	
• Initial tack (N/25 mm):	11	HEXFTM009
• Release (N/25 mm):	0.5	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

#### **ADHESIVE:**

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

## **USER'S INSTRUCTIONS:**

### **Caution: This film is intended for application to tyres.**

- Operating temperature range (outdoors): -40 °C to +90 °C (-40 °F to +194 °F).
- Print the image in positive mode.
- Touch-dry after less than 10 minutes depending on the printer used.
- Cut and weed the image.

*For plotting in printed areas, a drying time of 24 hours minimum is recommended before cutting. Plotting in areas with heavy ink loads which have not completely dried cannot be done.*

- Weed immediately after plotting.

- Carry out the transfer using one of these transfer films: HEX100, HEX900, HEX901, HEX902, HEX904, HEX905 or HEX915.
- Recommended minimum ambient application temperature: +10 °C (+50 °F).
- Thoroughly clean the application area using the "1-2-3 products", a brush and a microfibre cloth.

*The cleaning operation must be repeated until there are almost no more particles left on the cloth.*

- Application temperature (measured with PISTLASER3): +80 °C (+176 °F).
- Apply the film with the ROLLRIV application roller.
- Carefully remove the transfer tape while the film is still hot.
- After application, wait for at least 24 hours prior to any cleaning.

## **OPERATING RECOMMENDATIONS:**

- Film mainly suitable for event markings on static tyres.

*When using STICKNRIDE on rolling tyres, HEXIS recommend applying the film to bicycle tyres. Using STICKNRIDE on tyres of certain rolling motorised vehicles may result in film lifting when the substrate temperature is close to 50 °C (122 °C).*

- For more information on the application method of the STICKNRIDE film, please refer to the Application Guide on the "Professionals" pages, category "Digital printing media" on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).

## **STORAGE:**

- Shelf life (before use):

The shelf life of this film is 1 year when stored unopened in its original packaging at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity between 30 % and 70 %.

### **NOTES:**

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as 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 the published information is based on measurements regularly performed in the laboratory. It 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).