



## REFLECTIVE DATA SHEET R 5000 SERIES

Reflective 100 micron soft alkyd resin film coated with an acrylic pressure sensitive adhesive, gloss surface finish.

### **SPECIFICATIONS :**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm) :	100	NF X 41-026
• Tensile strength (N/25mm) :	min. 33	NF X 41-021
• Elongation at break (%) :	min. 125	NF X 41-025
• Dimensional stability (mm) : 168 hours at 70°C	< 0,2	on silicone liner
• Mimimun values, reflectivity (standard illuminant A, entance angle +5°, observation angle 0,33°)		

Colours	White (R5011)	Yellow (R5041)	Orange (R5051)	Red (R5061)	Green (R5071)	Blue (R5081)	Black (R5091)
minimum values (cd / Lux / m <sup>2</sup> )	50	24	20	10	7	7	2

### **LINER :**

- Silicone coated paper liner 137 g/m<sup>2</sup> with grey HEXIS print.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES :**

- |   |     |               |
|---|-----|---------------|
| • 180° peel on glass (N/25mm) :                                 |     | NF EN 28510-2 |
| after 20 minutes  | 15  |               |
| after 24 hours  | 16  |               |
| • Initial tack (N/25mm) :                                       | 17  | FTM 9         |
| • Release (N/25mm) :  | 0,4 | FTM 3         |
| • Resistant to most oils, diluted acids, alcohol and hycarbons. |     |               |

### **RECOMMENDATIONS :**

- Minimum application temperature : +10°C (+50°F).
- Temperature range : -40°C to +90°C (-40°F to +194°F).

**ADHESIVE :**

- Acrylic solvent based.
- Immediate and permanent adhesion, suitable for wet application.

**SHELF LIFE :**

2 years at +15°C... +25°C (+59°F... +77°F) and 30% to 70% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

**DURABILITY :**

- Vertical application : 5 years.

**Note :**

If in doubt about the compatibility of the product with any particular application we recommend that the user carry out a trial before the final application or seek advice from the manufacturer. All data are believed to be correct but do not constitute a warranty, representation or promise, express or implied as to the condition, quality, merchantability, fitness for a product, or that such product will satisfy any requirement for a specific property or capacity or special methods, all such warranties being hereby expressly disclaimed. The buyer has to determine the suitability of the materials for the intended purpose prior to purchase. HEXIS S.A. or its affiliates assume no liability for claims beyond the replacement value of any product proven to be defective in material or workmanship and is in no way liable for direct, indirect, special, incidental damages or consequential loss including without limitation lost profits or loss of use, whether based on contract, tort or any other legal theory. Product specifications may change without prior notice. Our website is automatically updated : [www.hexisgroup.com](http://www.hexisgroup.com).