



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	
• Tensile strength (N/25mm):	min. 33	HEXNFX41021
• Elongation at break (%):	min. 125	HEXNFX41021
• Dimensional stability (mm): 168 hours at 70°C	< 0.2	HEXRET001
• Minimum values, reflectivity (standard illuminant A, entrance 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 ²)	50	24	20	10	7	7	2

LINER:

- PE liner 145 g/m² with grey HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

- | | | |
|--|-----|-----------|
| • 180° peel on glass (N/25mm): | | HEXFTM001 |
| after 20 minutes | 15 | |
| after 24 hours | 16 | |
| • Initial tack (N/25mm): | 17 | HEXFTM009 |
| • Release (N/25mm): | 0.4 | HEXFTM003 |
| • Resistant to most oils, diluted acids, alcohol and hydrocarbons. | | |

RECOMMENDATIONS:

- Minimum application temperature: +10°C (+50°F).
- Temperature range: -40°C to +90°C (-40°F to +194°F).
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

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:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application.

The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, 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 seller assumes 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.