



## TECHNICAL DATA SHEET – SIGN VINYL P6000 SERIES – METALLISED PET

Range of products consisting of a 50- $\mu$ m, metallised PET, which is coated with a pressure-sensitive, acrylic adhesive. Suitable for computer-aided cutting. Gold, silver or brushed aluminium surface finish.

This film is intended for an application to flat and smooth surfaces.

### **FILM FEATURES:**

|   | <u>Average values</u> | <u>Standard</u> |
|---|-----------------------|-----------------|
| • Thickness ( $\mu$ m):                             | 50                    |                 |
| • Shrinkage after 168 hours at 70 °C (158 °F) (mm): | < 0.2                 | HEXRET001       |
| • Opacity (%):                                      | > 99                  | HEXOPA001       |

### **LINER:**

- Silicone-coated Kraft paper of 137 g/m<sup>2</sup> with blue HEXIS print
- Stable under hygrometric variations

### **ADHESIVE FEATURES:**

(Average values measured at data sheet editing time)

|   | <u>Average values</u> | <u>Standard</u> |
|---|-----------------------|-----------------|
| • 180° peel strength test on glass (N/25 mm): |                       | HEXFTM001       |
| after 20 minutes of application               | 12                    |                 |
| after 24 hours of application                 | 16                    |                 |
| • Initial tack (N/25 mm):                     | 12                    | HEXFTM009       |
| • Release (N/25 mm):                          | 0.05                  | HEXFTM003       |

### **ADHESIVE:**

- Solvent-based, acrylic adhesive
- Immediate and permanent adhesion; suitable for wet application.

**USER'S INSTRUCTIONS:**

- Recommended minimum application temperature: +10 °C (+50 °F)
- Application to flat and smooth surfaces
- Film transfer with the following tapes:

|              |        | FILMS         |                      |                |
|--------------|--------|---------------|----------------------|----------------|
|              |        | P6871B (gold) | P6870B (brushed alu) | P6877 (silver) |
| <b>TAPES</b> | HEX100 |               | ✓                    | ✓              |
|              | HEX860 | ✓             | ✓                    | ✓              |
|              | HEX900 |               | ✓                    | ✓              |
|              | HEX901 | ✓             | ✓                    |                |
|              | HEX902 |               | ✓                    | ✓              |
|              | HEX904 |               | ✓                    | ✓              |
|              | HEX905 | ✓             | ✓                    | ✓              |
|              | HEX910 | ✓             | ✓                    |                |
|              | HEX915 | ✓             | ✓                    |                |
|              | HEX930 | ✓             | ✓                    | ✓              |
|              | HEX955 | ✓             | ✓                    | ✓              |

- The transfer must be carried out by turning the complete assembly Liner / Tape / Film upside down (tape beneath, liner on top), and by peeling off the liner while keeping the tape in a flat position.
- The non-adhesive coated gold, silver or brushed aluminium surface of the P6000 range is sensitive to any alcohol, acid and acetone splashes.
- In the case of already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paintwork is not the original and/or is damaged, the application and the removal are at the installer's own judgement and own risk.

**STORAGE:**

- Shelf life (before application):

The shelf life of this film is 2 years if it is stored in its unopened original packaging at a temperature ranging from +15 °C to +25 °C (from +59 °F to +77 °F), with relative humidity between 30 % and 70 %.

**DURABILITY:** (Central Europe Climate)

| Colours           | Code   | Indicative durabilities  |                           |
|-------------------|--------|--------------------------|---------------------------|
|                   |        | Vertical indoor exposure | Vertical outdoor exposure |
| Gold              | P6871B | 5 years                  | 6 months                  |
| Silver            | P6877B | 5 years                  | 1 year                    |
| Brushed aluminium | P6870B | 5 years                  | 1 year                    |

**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).