

# SolvoPrint™ MightyGrip

Gloss Removable

## Product Specifications



| Carrier                         |  |          |           |
|---------------------------------|--|----------|-----------|
| Film Type                       | Monomeric Plasticized Opaque White Gloss PVC           |          |           |
| Thickness (mil)                 | 3.5  |          |           |
| Gloss (60° Gardner)             | ≥85  |          |           |
| Opacity (w/o liner)             | >96%   |          |           |
| Adhesive                        |  |          |           |
| Adhesive Type                   | Permanent Removable Polyacrylate Pressure Sensitive    |          |           |
| pH-value                        | Neutral  |          |           |
| Weight (g/m <sup>2</sup> )      | 22 ± 1   |          |           |
| Adhesive Strength (N/25 mm)     | 20 min: > 6  | 24h: > 9 | PSTC 101A |
| Release Liner                   |  |          |           |
| Type                            | 78# Clay Coated Bleached Kraft                         |          |           |
| Thickness (mil)                 | 5.5  |          |           |
| Weight (lb/rm)                  | 78   |          |           |
| Other                           |  |          |           |
| Handling/Storage Conditions     | 18° to 25°C / 60° to 80°F; 40 to 65% relative humidity |          |           |
| Service Temperature Range       | -30 ° to 60°C / -22° to 140°C                          |          |           |
| Minimum Application Temperature | 10°C / 50°F  |          |           |

### Advantages / Special Features

- Outdoor durability (unprinted) 3-4 years – depending on application area and purpose
- Especially suitable for vehicle advertising and general signage applications on vertical, flat, and slightly curved surfaces
- No chemical reaction between solvent inks and acrylate adhesive
- 1 year removability from smooth, sound OEM surfaces with little or no adhesive residue
- Opaque white gloss finish

### Process & Handling

- A sufficient drying time, min. 24 hours, is required before the application of protective films

### Printer Starting Points

HP: Use HP Permanent Glossy Adhesive Vinyl profile as a starting point

Mimaki: Use Avery 2010 profile as a starting point

Mutoh: Use Avery 2010 Graphics 2 profile as a starting point

Roland: Use GCVP Glossy Calendered Vinyl profile as a starting point

| Recommended Inks |   |
|------------------|---|
| Solvent          | ◆ |
| Eco Solvent      | ◆ |
| UV               | ◆ |
| Latex            | ◆ |
| Screen Print     | ◆ |



Temperatures and thicknesses are given as approximate values. All data are standard values. The information in this specification sheet is based on findings obtained in practice. Because of the high number of factors which can have an effect during handling and application, customer tests will be required. A legally binding guarantee of specific properties is not to be inferred from our specifications. The information given here may be subject to change without notice. Neschen has not prepared MSDSs for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the Neschen directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards. The purchaser should test material to determine if it is suitable for their own specific purpose.

Neschen Americas  
7091 Troy Hill Drive, Elkridge, MD 21075  
Tel: 410-540-8900 Fax: 410-579-8960  
www.neschenbrands.com