

## LAM520 Polymer PVC laminate, glossy, 75µm

- Description:** Self-adhesive, glossy, polymer calendered PVC laminate 75µm with a permanent solventbased acrylate adhesive.
- Application:** For medium-term protection of digital prints on flat and slightly curved surfaces against chemical and mechanical influences, moisture, dirt, fingerprints, etc. The laminate also offers good resistance to UV light.
- Lamination:** Suitable for cold lamination up to 60°C with all common laminators. Make sure that the print is well ventilated before laminating (approx. 48 hours with the film lying open). Ideally, use the laminate on polymer print films. Perform a lamination test before first use to check suitability. Please also observe the lamination instructions for the print media (e.g., necessary overlap for some materials).
- Storage:** Store the material immediately after printing to prevent contamination and curling. Repack the material in the protective film and store the roll upright in a light-protected and dust-free environment at 40 to 65% relative humidity and 18 to 25°C room temperature. The shelf life is 12 months.

**Technical data:**

| Feature                               | Value                                                             | Method                                         |
|---------------------------------------|-------------------------------------------------------------------|------------------------------------------------|
| Film thickness                        | ~ 75 µm (+/- 5%)                                                  |                                                |
| Cover paper                           | Silicone paper coated with PE on both sides, 145 g/m <sup>2</sup> |                                                |
| Adhesive                              | Solvent-based Acrylate adhesive                                   |                                                |
| Adhesive                              | 4.7 N/cm                                                          |                                                |
| Outdoor durability *                  | up to 5 years                                                     | For vertical bonding, Central European climate |
| Temperature range during installation | + 10°C to + 40°C                                                  |                                                |
| Temperature range for service life    | -20°C to + 50 °C                                                  |                                                |

\*The outdoor durability does not refer to the durability of the printout.

**Dimensions:**

|                   |                                         |
|-------------------|-----------------------------------------|
| Length, roll core | 50 linear meters wound on a 3-inch core |
|-------------------|-----------------------------------------|

- Safety data sheet:** When used as intended, this product does not produce or release any hazardous substances. This product is not a hazardous substance within the meaning of the current GefStoffV (German Hazardous Substances Ordinance) and EU criteria, and therefore does not require a safety data sheet. The safety data sheet is only intended to fulfill the information requirements of Regulation (EC) No. 1907/2006 (REACH). The product is not a hazardous substance within the meaning of traffic law, nor does it contain any substances hazardous to water in accordance with the Water Resources Act. Waste arising after use or application must be disposed of in accordance with local or national regulations.

- Note:** The technical data refer to the unprinted material. Our information does not release you from conducting your own tests to verify suitability for your application. We have no influence on the properties and durability of the inks; please also observe the instructions of the printer manufacturer. The data sheet is based on manufacturer information; Alphaset accepts no liability. Subject to technical changes and typographical errors. Version April 2015