

## Product Information

### HERMA SPECIAL A4 transparent matt film labels (laser)

- Self-adhesive labels made of polyester film, on A4 sheets, transparent matt, strong adhesion
- Suitable for all laser printers, copiers, multifunctional machines (laser). Also suitable for colour laser printers and colour copiers. Not suitable for inkjet printers
- Printers have to be suitable for heavy materials, please refer to the instructions in your printer manual, e.g. insert sheets individually (straight passing)
- “No Label” effect, appears to be printed directly on the labelled object. Ideal on coloured backgrounds, glass or porcelain, important documents, updating or address labels
- Strong adhesion, even on critical surfaces
- Weather resistant, resistant to ageing and temperatures, oil and dirt repellent, wet wipeable
- Excellent print results in black and colour
- All-around protective edge prevents adhesive deposits, edges are cleanly cut on all sides
- Optimum flatness and high flexibility ensure trouble-free running
- Solvent-free adhesive, free from plasticiser, PH neutral, acid-free
- Packaging made from recycled cardboard
- Free software solutions: [www.herma.com/software](http://www.herma.com/software)

#### 1. Label material

Transparent matt polyester film, with special coating for laser printers. Optimal printability and toner keying as well as optimum flatness, even at thermal loads during the printing process.

Grammage	approx. 75 g/m <sup>2</sup>	ISO 536	
Caliper	approx. 60 µm	ISO 534	
Tensile stress MD	approx. 165 N/mm <sup>2</sup>	ISO 527	CD approx. 210 N/mm <sup>2</sup> ISO 527
Transparency	approx. 90 %	ISO 53147	

#### 2. Adhesive

Solvent-free acrylic based adhesive, permanent, transparent. Free from plasticiser and acid.

Tack	high
Peel adhesion	very high
Shear	high
Minimum application temperature	0 °C
Service Temperature	-30 °C to +80 °C (up to 200 °C for short periods – hot fusing)
Shelf life	4 years (in original package)

Regulations concerning contact with food: All ingredients of adhesive comply with recommendations BfR XIV or FDA 21 CFR 175.105 (Adhesives).

#### 3. Release liner

White kraft liner, coated on one side, made of chlorine-free pulp. Designed for all laser printers and copiers. The reverse of the paper assures excellent processing characteristics, i.e. high friction combined with high abrasion resistance.

Grammage	approx. 120 g/m <sup>2</sup>	ISO 536
Caliper	approx. 116 µm	ISO 534

Regulations concerning contact with food: The paper complies with recommendation BfR XXXVI.

#### 4. Packaging

Cardboard packaging, made of recycled cardboard, dispose of as for waste paper. Protects the contents from harm caused by moisture and temperature.