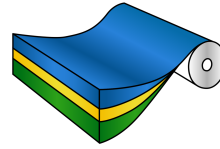


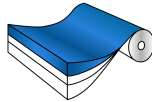
**HERMALaser sheet (135)/62Dpc/512**
**Product code 13196**


- HERMALaser sheet (135)
- Adhesive 62Dpc
- HERMA KW (512)

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**HERMALaser sheet (135)**

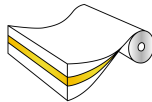
White label paper with special characteristics for excellent printability on laser printers and copiers, FSC® Mix Credit



Grammage	g/m <sup>2</sup>	approx. 65	ISO 536
Caliper	µm	approx. 71	ISO 534
Tensile strength (MD)	N/15 mm	approx. 63	DIN 53112
Tensile strength (CD)	N/15 mm	approx. 33	DIN 53112
Stiffness (MD)	mN	approx. 155	DIN 53121
Stiffness (CD)	mN	approx. 90	DIN 53121
Opacity	%	approx. 88	ISO 2471

**Adhesive 62Dpc**

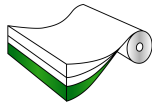
Permanent, acrylic based adhesive



Tack	high
Peel adhesion	very high
Shear	high

**HERMA KW (512)**

White kraft, coated on one side



Grammage	g/m <sup>2</sup>	approx. 55	ISO 536
Caliper	µm	approx. 56	ISO 534
Tensile strength (MD)	N/15 mm	approx. 60	DIN 53112
Tensile strength (CD)	N/15 mm	approx. 28	DIN 53112
Stiffness (MD)	mN	approx. 85	DIN 53121
Stiffness (CD)	mN	approx. 43	DIN 53121

**Self-adhesive Material**

Grammage	g/m <sup>2</sup>	approx. 137	ISO 536
Total caliper	µm	approx. 134	ISO 534
Minimum application temperature	°C	0	
Service temperature up to 200 °C for short periods - hot fusing	°C	-30 to 80	

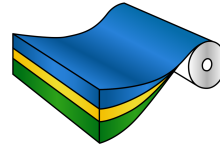
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[www.herma.de/material](http://www.herma.de/material)

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-  HERMALaser sheet (135)
-  Adhesive 62Dpc
-  HERMA KW (512)

**Application and use**

The specially developed surface of HERMALaser sheet offers optimal printability and toner keying with all xerographic printing processes. Label sheets are suitable for large laser printers, desktop laser printers, copiers and a great number of inkjet printers.

We recommend production from narrow reels width 217 mm or width 434 mm for double-width production (original edges of the semi-finished rolls should not be adopted for sheetstock). A possible curl in machine direction (especially towards the cores) may be adjusted by a "decurl bar" in the press. Water based inks may have an adverse influence on the flatness of the sheet stock. We therefore advise against use of water based inks especially when printing large areas. Furthermore the paper is certified with the EU-Ecolabel (EU-Flower).

The pulp for this paper comes from FSC certified forest management and other controlled sources.

The adhesive 62Dpc is specially designed for A4 sheets, which are used in laser printers and in copiers (in xerographic printing processes). Thanks to the innovative multilayer (double-layer) technology it was possible to increase the cohesion and thus significantly reduce the adhesive bleed. An ideal feed through can be achieved as well as the impurities caused by adhesive bleed can be avoided by the use of the 62Dpc.

The 62Dpc has an excellent resistance to aging, heat and light.

This coated kraft liner has been designed for production of label sheets for copiers and laser printers. The reverse of the paper assures excellent processing characteristics, i.e. high friction combined with high abrasion resistance.

**Processing**

Excellent die-cutting characteristics on all customary machines. HERMA KW (512) was designed for sheeting. It is less suitable for conversions where waste-stripping is involved.

**Regulations concerning contact with food**

The paper is approved according to the Recommendation XXXVI. This paper grade according to the sample material submitted may be used safely for food packaging. It may stand in direct contact with dry and fatty foodstuffs. (ISEGA Research and Development Institute, Aschaffenburg)

All ingredients of adhesive 62Dpc comply with recommendation BfR XIV or FDA 21 CFR 175.105 (Adhesives).

The pressure-sensitive adhesive 62Dpc can be safely used for the back coating of labels for the labelling of foodstuffs for storage at room temperature and below. It may be used in direct contact with dry, moist and fatty foodstuffs that can be assigned a correction factor of at least 4 in accordance with Regulation (EU) No. 10/2011. Furthermore, the adhesive may be used for laminating various materials. In this case, cut edge contact with food is harmless as far as the above mentioned adhesive is concerned. It must be ensured that the relevant migration limits are complied with by the laminated packaging (Declaration of no objection valid until 21.04.2023).

Furthermore the self-adhesive labels with the adhesive 62Dpc can be used for labelling of blood bags (Expert's Opinion from April 21, 2021).

The paper complies with recommendation BfR XXXVI.

**Storage conditions**

Storing at a temperature of  $20 \pm 5$  °C, a relative humidity of  $45 \pm 5$  % and a dark storage is recommended. Moisture, heat and direct sunlight have to be avoided.

The shelf life is four years from date of production.

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