

Product information

Coating your success

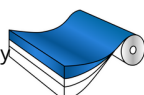
HERMA PP 30 silver met tc (894)/62Xpc/517

Product code 16385

Issue 09/2024

HERMA PP 30 silver met tc (894)

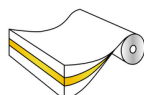
Silver, bright, opaque polypropylene film, biaxially oriented with topcoat



Grammage	g/m ²	approx. 27	ISO 536
Caliper	µm	approx. 28	ISO 534
Tensile stress (MD)	N/mm ²	approx. 95	ISO 527
Tensile stress (CD)	N/mm ²	approx. 210	ISO 527

Adhesive 62Xpc

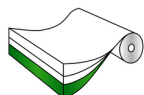
Permanent, transparent acrylic based adhesive



Tack	high
Peel adhesion	high
Shear	extremely high

HERMA PW (517)

White, supercalendered glassine



Grammage	g/m ²	µm	approx. 58	ISO 536
Caliper	N/15		approx. 49	ISO 534
Tensile strength (MD)	mm		approx. 76	DIN 53112
Tensile strength (CD)	N/15		approx. 38	DIN 53112
Transparency	mm %		approx. 49	DIN 53147

Self-adhesive Material

Grammage			
Total caliper	g/m ²	approx. 102	ISO 536
Minimum application temperature	µm	approx. 93	ISO 534
Service temperature	°C	0	
	°C	-30 to 80	

All statements, technical information and recommendations regarding HERMA products are given in good faith and are based on tests that we believe to be reliable, but do not constitute a guarantee or warranty. We give no guarantee as to the suitability of the product for a specific application, this should be tested by the user. Unless otherwise agreed in writing, we only accept liability within the scope of our General Terms and Conditions of Delivery and Payment.

HERMA GmbH, Adhesive Material Division, 70791 Filderstadt, Phone +49 (0) 711 7702-0

www.herma.de/material




Product information

Coating your success

HERMA PP 30 silver met tc (894)/62Xpc/517

Product code 16385

Issue 09/2024

-  HERMA PP 30 silver met tc (894)
-  Adhesive 62Xpc
-  HERMA PW (517)

Application and use

Thanks to its special surface treatment the glossy surface of HERMA PP 30 silver met tc offers an excellent quality of the imprint in all conventional printing methods like e.g. UV flexographic printing. HERMA PP 30 silver met tc is perfect for the production of optically appealing and decorative labels. For recycling reasons these labels are preferably used on PP surfaces. HERMA PP 30 silver met tc is particularly suitable for labelling luxury products, cosmetics and for applications demanding resistance to chemicals or weather.

The adhesive 62Xpc is specially developed for filmic face material. Through the use of 2-layer technology and ideally optimised layers, the conversion properties become excellent and the adhesion properties are above average. A good wettability combined with a high transparency of the adhesive layer give a visually appealing result. Once applied the adhesive is insensitive against humidity, soaps and oil and therefore suits specially well for product labelling in hygiene and cosmetic industry. It features good resistance to light, heat and aging.

The supercalendered glassine is perfectly suited for assignment in labelling machines equipped with optical or mechanical scanners.

Regulations concerning contact with food

HERMA PP 30 silver met tc is in compliance with the current relevant legal requirements of Regulation (EC) No.1935/2004 (not with Article 5) and Regulation (EC) No. 2023/2006. The base film has been manufactured only with monomers and additives that are authorized in Regulation (EU) No. 10/2011 and subsequent amendments up to Reg. 2018/831/EU. Also the monomers and additives used for the manufacturing of the coating are either listed in Reg.10/2011/EU or in EU Member States legislation or have been risk assessed and comply with Article 3.1 a of Reg.1935/2004/EU. Therefore the film is suitable for direct food contact (any long time storage at room temperature or below, including heating up to 70 °C for 2 h or 100 °C for 15 min). All ingredients of adhesive 62Xpc comply with recommendations BfR XIV or FDA 21 CFR 175.105 (Adhesives). The pressure-sensitive adhesive 62Xpc can be safely used for the back coating of labels for labelling of foodstuffs for storage at room temperature or below. It may be used in direct contact with dry, moist and fatty foodstuffs that can be assigned a correction factor of at least 3 in accordance with Regulation (EU) No. 10/2011. With regard to the results of the formulation evaluation and the migration analyses it can be derived that the adhesive grade does not have a harmful effect on the content of blood bags and that the requirements of the standard mentioned above are met in this case (EN ISO 3826-1 "Plastics Collapsible Containers for Human Blood and Blood Components, Part 1: Conventional containers, Paragraph 8.5 label requirements"). Declaration of no objection valid until 28.08.2026

The paper liner complies with recommendation BfR XXXVI.

Processing

Excellent die-cutting characteristics on all customary machines. As part of a self-adhesive compound HERMA PW (517) offers excellent die-cutting characteristics with all customary flatbed and rotary die-cutting tools.

Storage conditions

Storing at a temperature of 20 ± 5 °C, a relative humidity of 45 ± 5 % and a dark storage is recommended. Moisture, heat and direct sunlight have to be avoided. The shelf life is two years from date of production.

All statements, technical information and recommendations regarding HERMA products are given in good faith and are based on tests that we believe to be reliable, but do not constitute a guarantee or warranty. We give no guarantee as to the suitability of the product for a specific application, this should be tested by the user. Unless otherwise agreed in writing, we only accept liability within the scope of our General Terms and Conditions of Delivery and Payment.

HERMA GmbH, Adhesive Material Division, 70791 Filderstadt, Phone +49 (0) 711 7702-0