

Product information

Coating your success

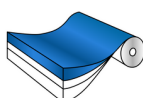
HERMA PP white super tc (881)/62Xpc/517

Product code 16257

Issue 02/2025

HERMA PP white super tc (881)

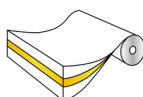
White, glossy, biaxially oriented polypropylene film with topcoat



Grammage	g/m ²	approx. 41	ISO 536
Caliper	μm	approx. 58	ISO 534
Tensile stress (MD)	N/mm ²	approx. 70	ISO 527
Tensile stress (CD)	N/mm ²	approx. 150	ISO 527
Surface gloss 45°	GU	approx. 60	ISO 2813
Opacity	%	approx. 85	ISO 2471

Adhesive 62Xpc

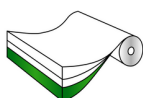
Permanent, transparent acrylic based adhesive



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 mm		approx. 49	ISO 534
Tensile strength (MD)	N/15 mm		approx. 76	DIN
Tensile strength (CD)	%		approx. 38	53112
Transparency			approx. 49	DIN 53112

Self-adhesive Material

Grammage	g/m ²	approx. 116	ISO 536
Total caliper	μm	approx. 123	ISO 534
Minimum application temperature	°C °C	0	
Service temperature up to 95 °C for short periods		-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.

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Application and use

Thanks to its special surface treatment the glossy surface of HERMA PP white super tc offers an excellent quality of the imprint in conventional printing methods like e.g. UV flexographic printing. This film is not intended for use in unprinted zigzag applications, in which the coated print surface is in contact with itself. HERMA PP white super tc is perfect for the production of optically pretentious, glossy, non-transparent labels. The nacreous look of the film adds an exquisite touch to the labels. This BOPP film is particularly suitable for labelling cosmetic products, cleaning agents etc., as well as 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.

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.

Regulations concerning contact with food

HERMA PP white super tc is in compliance with Commission Regulation (EG) no. 1935/2004 and (EU) no. 10/2011 on plastic materials and articles intended to come into contact with food (with all amendments: Commission Regulation (EU) no. 321/2011, no. 1282/2011, no. 1183/2012, no. 202/2014, no. 174/2015, no. 1416/2016, 752/2017, no. 79/2018, no. 213/2018, no. 831/2018, no. 37/2019, no. 988/2019, no. 1338/2019 and no. 1245/2020) as well as US FDA 21 CFR 175.300, US FDA 21 CFR 175.320 and US FDA 21 CFR 177.1520. 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.

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.

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