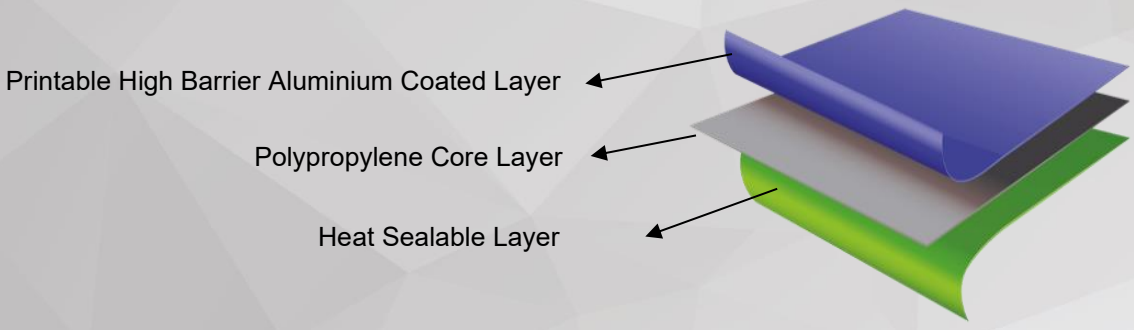
SUPER FILM
PACKAGING FILMS



SUPCOAT

7031 MOC

Description

SUPCOAT 7031 MOC is a metallized biaxially oriented polypropylene (BOPP) film with a new generation high barrier coating on metallised side and with seal property on the other side.

Properties

- New generation chlorine-free gas barrier coating
- Outstanding oxygen, gas and aroma barrier
- Excellent print receptive coating
- Excellent lamination adhesion on coated surface

Applications

The coated side can be printed with suitable inks formulated for this surface. It is advised to consult with ink manufacturers and/or to approve at present conditions. The coated side is also suitable for lamination and we highly recommend this layer within laminate construction.

Specially designed for flexible packaging applications where high barrier is required for packaging of oxygen-sensitive products.

Please contact customer service representetive for the application compliance.

SANKO

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Technical Features

PROPERTIES	TEST METHOD	UNITS		7031 MOC	
THICKNESS	ASTM F2251	micron		20	25
		Gauge		80	100
YIELD	ASTM D4321	m²/kg		54,9	44,0
		in²/Lbs		38.600	30.900
UNIT WEIGHT	ASTM D4321	g/m²		18,2	22,7
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m²/24hrs		≤ 3	
		cc/100in²/24hrs		≤ 0,19	
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m²/24hrs		≤ 0,5	
		g/100in²/24hrs		≤ 0,03	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm²	170	
			lb/in²	24.600	
		TD	N/mm²	300	
			lb/in²	43.400	
ELONGATION AT BREAK	ASTM D882	MD	%	170	
		TD		60	
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3	
		TD		1	
COEFFICIENT OF FRICTION	ASTM D1894	Barrier/Barrier		0,35	
		Barrier/Metal		0,25	
SURFACE TENSION	ASTM D2578	Dyne/cm	Coated Side	42	
			Other Side	-	
HEATSEAL RANGE	ASTM F88	°C		100-145	
		°F		212-293	
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15mm		2,0	
OPTICAL DENSITY	MACBETH TD 931	-		2,0	

Product Identification (Decision 97/129/EC): PP5

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

Metallization is a special process and aluminium coated surface is very sensitive to environmental conditions. Even though metal surface tension is above 40 dynes after production, it tends to decrease within time influencing by climatic conditions and storage periods. A guarantee of the duration of surface tension of metallized surface can not be given. We recommend to store metallized films in a dry place and at temperatures below 30ºC. It is also advised to use metallized films as 'First in, First Out' principle. In-line treatment and/or primering onto metal surface for adequate ink or coating adhesion is strongly recommended. The metallized surface can normally be laminated with most of the substrates. Other properties of the metallized films are guaranteed for 6 months from the date of production.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intented to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

The film shelf life is 6 months. Also the film should be stored away from sunlight and without moisture. Modified PU based ink series offer good adhesion and printability.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm	± % 10 for all OD's	- 0 & + 4 mm

REV: 03 Date: 15.09.2021

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