



EXCELLENT PRINTABLE PRODUCTS

TECHNICAL DATA SHEET

Synplas SYPH – Print receptive Synthetic paper

Product Description

Synplas SYPH is an extruded synthetic paper with a print receptive coating on both sides, suitable for printing by all popular methods such as offset, uv, screen and flexo. The material is durable, water resistant and versatile, it can be punched, stitched, glued and creased.

Typical Applications

Recommended for use in

- Labels,
- Manuals,
- Posters,
- Brochures,
- Baggage tags
- Maps.

Key Features

Synplas SYPH is a cavitated and extruded material, which is coated on both sides and has excellent tear resistance in both directions. It is also a food certified product. The material is 100% recyclable and meets today's environmental requirements.

Sizes Available

Can be purchased in roll form or as sheeted material. Maximum width of 1300mm in roll form. Sheet sizes can be tailored to customer requirements. Available in thicknesses from 100μ to 290μ.

Properties

Item	Unit	Testing Temp: 23°C			Relative Humidity: 50%				
		Reference Data							
Thickness	µm	100	120	150	180	200	230	260	
Unit Weight	g/m ²	86±5	100±5	110±6	130±4	150±5	163±5	189±4	
Non (Electronic) Corona Coating Weight	g/m ²	7~9	8~10	8~10	7~9	8~10	8~10	7~9	
(Electronic) Corona Coating Weight	g/m ²	8~10	8~10	8~10	7~9	8~10	8~10	8~2	
Whiteness	%	≥85	≥85	≥85	≥85	≥85	≥85	≥85	
Opacity	%	≥85	≥85	≥85	≥85	≥85	≥85	≥85	
60°C Gloss	%	5±2	5±2	5±2	5±2	5±2	5±2	5±2	
Coating Adhesion		≥6	≥6	≥6	≥6	≥6	≥6	≥6	
Printing Ink Adhesion Test	Flexo	5	5	5	5	5	5	5	
	Letterpress	5	5	5	5	5	5	5	
Appearance Test		Good	Good	Good	Good	Good	Good	Good	
Conclusion		Passed	Passed	Passed	Passed	Passed	Passed	Passed	

*Green – Immediate availability

*Yellow – Delayed availability

Ink Compatibility

Standard litho inks. Oxidising and UV lithographic printing and screen printing process inks. When printing litho, the use of oxidizing inks will reduce drying times. Please read our recommended printing instructions for offset printing on our website.

Storage and Shelf life

When stored in a dry, well ventilated area, under ambient conditions, with no excessive variation in temperature, the useable life of the product should be in excess of 5 years.

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COATING EXCELLENCE

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