

## PROCHEMA GP SYNTHETIC PAPER

### Description:

Prochema PP synthetic paper is with main component of high tensile strength BOPP plastic film special white coated on both sides for various printing.Unlike regular natural paper, the PP synthetic paper is less dust and no micron fibre burr,matte surface is child skin smooth comfortable.Moreover the printed paper is to save the world forest .

Synthetic paper not only has the characteristics of ordinary paper, but also has the advantages of plastic, such as good whiteness, light resistance, better dimensional stability , high strength, moisture resistance, corrosion resistance, resistance to insects,higher folding resistance etc features..

It has the waterproof, durable, tear-resistant plastic properties which natural paper does not have, and it also has the excellent print processing adaptability of cultural paper. It can be widely used in relief printing, cutting, die-cutting, embossing, and drilling. , Sewing, origami and other post-processing areas.

**Characteristics of PP Synthetic Paper:** No need to cut down trees, no waste water, waterproof, tear resistance, good rigidity, good shielding, recyclable.Write like ordinary paper with pen,pencil,ballpoint pen,paint pictures etc.

### Properties(weight and thickness table):

Model	GP80	GP100	GP120	GP150	GP180	GP200	GP230	GP250	GP280	GP300
Thickness (microns)	80	100	120	150	180	200	230	250	280	300

Model	GP350	GP400	GP500							
Thickness (microns)	350	400	500							

GSM reference: thickness micron \* 0.68= gsm

Mark: standard width 800mm, 900mm, 1095,1195mm . Customized width max 1500mm

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## MIANYANG PROCHEMA COMMERCIAL CO.,LTD

Xishumingju,Yuejin Road, Mianyang, Sichuan

### General Data

Thickness um		GB/T6672	T±5.0%	
Density g/cm <sup>3</sup>		GB/T6343	0.68-0.03~+0.02	0.68
Surface Tension dyn		GB/T14216	≥39	43/43
Haze%		GB/T2410	≥85	90
Transmittance%		transmittance / haze tester	---	14
Whiteness%	inside	Whiteness meter	≥95	95
	outside			97
Roughness um	inside	IOS/ASME/JIS Mar roughness meter	---	0.175
	outside		---	0.153

### Packing Details:

1. Packed in rolls; or standard 787\*1092mm/889\*1194mm size in sheets,
2. All film rolls or sheets are packed with paper cartons,

### Transport and storage precautions:

Our GP Synthetic Paper is not easy to squeeze during transportation,  
the surface is not easy to stress and will not have rope tighten mark easily.

The product should be placed  
in ventilated storage room, damp proof, away from fire and heat resources,  
the storage temperature should not exceed 30℃.

It should prevent from direct sunlight, keep it sealed and store oxidant separately.

### Printable:

GP Synthetic Paper can be printed by digital, flexography, offset, gravure, letterpress

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and screen printing.

### Applications:

**High grade printing:** business card, sticker, product instruction, banner of advertising, posters, pictorial, children's pictorial, maps, high grade books, various brochures, commodity labels, air luggage labels, year calendar, book covers (pages) that need waterproof, print durable press, propaganda and durable press, publicity Map, mountain map, nautical map, aero map, various military maps, sea drawings, military drawings, fishing paper, water resistant newspapers, signs, lighting box ads, outdoor and indoor billboards, etc.

**Tourism:** maps, paper fans, umbrellas, travel guides, travel caps, and other tourism promotional items.

**Special use:** Recording envelopes, pictures, advanced artwork, express envelopes, clock dials, phone books, song collections, household registration lists, ID cards (ID cards), various POPs (shopping store advertisements), etc.

**Commercial Packaging:** drug packaging, cosmetics packaging, food packaging, industrial products packaging, handbags, packing boxes, gift bags, shopping bags, fashion bags, light packaging containers, beverage packaging, drug packaging, frozen food packaging and other labels, bacon, dried fish, cheese pastry box special pad paper, outsourcing Pack the tape and so on.

**In other aspects:** use of synthetic paper as insulation, delivery summons, desk pads, menus, poker cards, visit tickets, kites, test paper etc.