

E-print Synthetic Paper

易印®合成纸

优势 Advantages

						
Water Resistance 耐水性	High Toughness 韧性强	Excellent Color 色彩佳	Smooth Feel 手感好	Corrosion Resistance 耐腐蚀	Weather Resistance 耐候性	Eco-Friendly 环保性

用途 Usages

		
Advertisement 广告、宣传	Publication-Stationery 出版物、文具用品	Packaging/Labeling 包装、标签

工艺 Technology

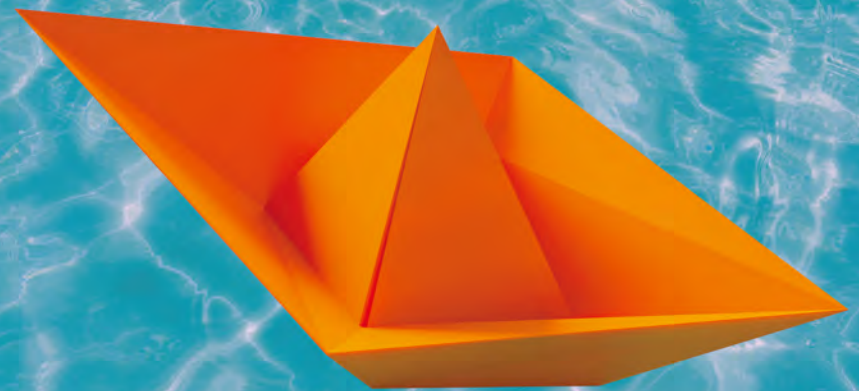
			
Die-Cutting 模切	UV Inkjet Printing UV喷墨	Screen Printing 丝印	Hot Stamping 烫金

产品 Product

	
Specifications 规格	Parameters 数据、参数

E-print Synthetic Paper

易印®合成纸



PAINT / PACKAGE / LABEL / DESIGN

A Paper Better Than Ordinary Paper 比纸更好的纸

The rapid development of the printing industry has brought forth new technologies. Relying solely on traditional paper or plastic films can no longer meet the printing requirements of many new technologies, thus synthetic paper has emerged as the times require. It is made from polypropylene resin, inorganic fillers and additives, combining the excellent printability of traditional paper with the durability of plastic films. This enables it to achieve exquisite printing results while better resisting damage from external forces.

This extremely tough paper is water-resistant, oil-resistant bearing weight and withstanding tension. It has low density and light weight, yet possesses good opacity. It can be folded repeatedly without breaking. Meanwhile, compared with plastic film paper, synthetic paper offers better writability, a smoother surface and stronger antistatic properties. Synthetic paper has an extremely wide range of applications and can meet various commercial and household needs around the world.

Previously, the price of synthetic paper was much higher than that of ordinary paper and paper-like products. Nevertheless, its superior characteristics still made it the preferred choice for a large number of users.

Through a series of improvements, the price of "E-print Synthetic Paper" has become close to that of traditional paper, and its printing quality has also been significantly improved. The difficulty in printing synthetic paper is no longer a trouble for printers.

印刷业的快速发展带来了新的技术，单独使用传统纸张或者塑膜，已经不能满足很多新技术的印刷需求，合成纸应运而生。它以聚丙烯树脂、无机填充料以及添加剂为原料，将传统纸张良好的印刷性以及塑膜的耐用性结合起来，满足了印刷精美的同时能更好的抵抗外部力量的破坏。

这种极度强韧的纸张防水防油、承重抗拉。密度低、重量轻，却又很好的不透光性，他能反复地翻折，却不会断裂。与此同时，合成纸比塑膜纸更具可写性，表面更柔滑，并且更抗静电。合成纸的应用范围非常广泛，它能适应全球各种商业或者家庭需求。

之前，合成纸的价格比普通的纸张、类纸产品高出许多，但仍然以优越的特性，使它成为广大使用者优先选择的产品。

通过一系列的改进，“易印®合成纸”的价格已经接近传统纸张，在印刷品质上也有了非常高的提升，合成纸印刷难度大不再使印刷商的困扰。



E-print Synthetic Paper / Advantages

易印®合成纸 优势



当您在潮湿或者有水的地方，使用“易印®合成纸”制作产品的时候，
您就知道“易印™合成纸”的实力，即使把它放在水里，
它也不会变形，强度也不会下降。

When you use "E-print Synthetic Paper" to produce products in damp or wet environments,
you will truly experience its remarkable performance. Even if it is immersed inside water,
there will not deform, nor strength decrease.



High Toughness
韧性强

E-print Synthetic Paper / Advantages

易印®合成纸 优势



Tear-Free Paper
撕不烂

“易印®合成纸”
主要原料为聚丙烯树脂。
对拉扯、折曲、冲击等
的承受力远远高于普通纸张。

“E-print Synthetic Paper”,
whose main raw material is polypropylene
resin, thus its resistance to pulling, bending,
impact and other external forces is far higher
than that of ordinary paper.



Wear-Resistant And Fold-Resistant
耐磨、耐折

您可以用
“易印®合成纸”
做成购物袋或者地图，
反复使用而不用担心破裂。

You can use “E-print Synthetic Paper”
to make shopping bags or maps.
They can be reused repeatedly without
worrying about tearing.



High Surface Strength
表面强度高

您也可以放心将
“易印®合成纸”
用于多次翻阅的酒店菜单
和汽车使用手册上。

You can also safely use
“E-print Synthetic Paper”
for hotel menus and car user
manuals that are flipped
through multiple times.



Excellent Color
色彩佳

E-print Synthetic Paper / Advantages

易印®合成纸 优势



Superb Color Accuracy
超高还原度

“易印®合成纸”
具有极佳的色彩还原能力，
能印刷出更鲜艳的色彩和高清晰的图片。
尺寸稳定、不易变形，
特别有利于印刷套色准确。
不受潮，不易泛黄，耐化学的特性，
比普通纸张更加稳定。

"E-print Synthetic Paper" shares excellent color reproduction capabilities, enabling it to print more vibrant colors and high-definition images. Dimensional stability and resistance to deformation, which is particularly conducive to achieving accurate color registration in printing. With its properties of being moisture-resistant, resistant to yellowing, and chemical-resistant, it is more stable than ordinary paper.



Ultra-High Resolution
超高分辨度

“易印®合成纸”
超平滑的表面，
使其具有超高的图片解析“承载”能力，
一般的铜版纸印刷是175线或200线的精度，
最高精度为240线印刷。

但我们“易印®合成纸”
可以做到300线的高精细印刷，
图片更加清晰、真实、立体。

"E-print Synthetic Paper" With its ultra smooth surface. Enables it possess an extremely high image resolution "bearing" capacity. Generally, coated paper printing achieves a precision of 175 dpi or 200 dpi, with a maximum precision of 240 dpi printing. However, our "E-print Synthetic Paper" can achieve high-definition printing of 300 dpi, resulting in images that are clearer, more realistic, and more three-dimensional.





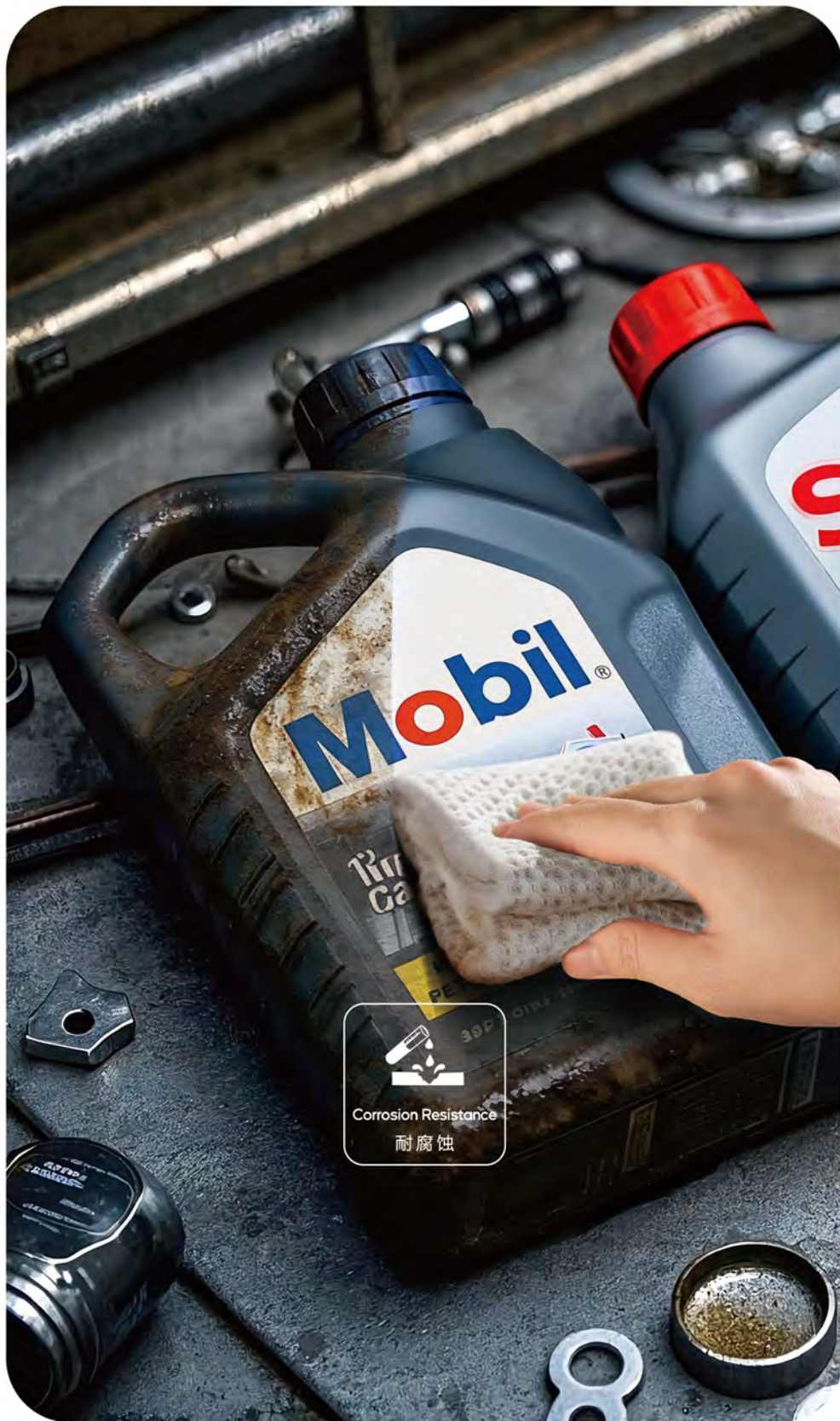
E-print Synthetic Paper / Advantages

易印®合成纸 优势



极其均匀平滑的表面，“易印®合成纸”
能适应贴合、涂布、涂胶等工艺的技术要求。
试着用“易印™合成纸”做鼠标垫或者高尔夫积分卡吧。

With an extremely uniform and smooth surface,
“E-print Synthetic Paper” can meet the technical requirements of processes such as laminating, coating, and gluing.
Try using “E-print Synthetic Paper” to make mouse pads or golf scorecards.



E-print Synthetic Paper / Advantages

易印®合成纸 优势



Oil Pollution Prevention
防油污



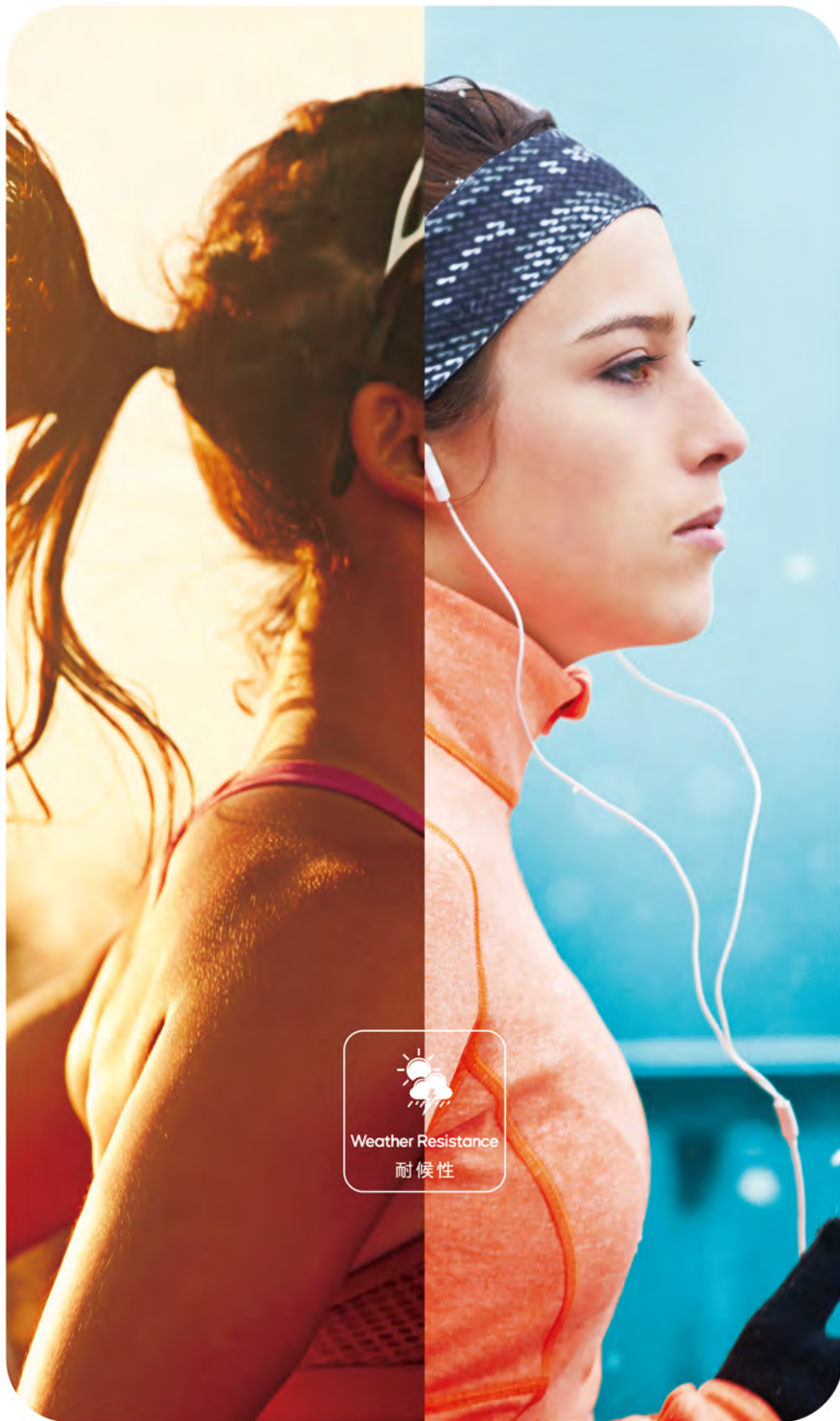
Chemical Prevention
防化学



Salinity Prevention
防盐碱

即使遇到酸碱、有机溶液或者油等化学物质，
“易印®合成纸”的品质也不会改变，
因此它适合用来做化学容器标签或者其他化学物的说明标签。

Even when exposed to chemical substances such as acids, alkalis, organic solvents or oils,
the quality of "E-print Synthetic Paper" remains unchanged. Therefore,
it is suitable for making labels for chemical containers or instruction labels for the other chemicals' products.



E-print Synthetic Paper
易印®合成纸

/ Advantages
优势



High-Temperature Environment
高温环境



Low-Temperature Environment
低温环境

“易印®合成纸”在各种自然环境中，可靠、稳定，
适合海上运输、户外海报、及汽车冷链等

“E-print Synthetic Paper” is reliable and stable in various natural environments,
making it suitable for maritime transportation, outdoor posters, automotive cold chain applications, etc.



E-print[®] Synthetic Paper / Advantages

易印[®]合成纸 优势



“易印[®]合成纸”燃烧时，不会释放出氯气、
二恶因等有毒气体。

When “E-print Synthetic Paper” burns,
it does not release toxic gases such as chlorine or dioxins.

“易印[®]合成纸”可以100%回收
作为原料再利用。

“E-print Synthetic Paper” can be
100% recycled and reused as raw material.



- 灯箱海报 Lightbox Poster
- 户外海报 Outdoor Poster
- 易拉宝、X展架 Roll-Up Banner / X Banner
- 广告横幅 Advertisement Banner
- 织锦（吊旗） Brocade (Hanging Banner)
- 宣传贴纸 Promotional Sticker
- 室内和室外告示牌 Indoor And Outdoor Signs
- 餐厅/旅馆的菜单 Paper Menu
- 各种POP Point Of Purchase Advertising
- 各种画册 Picture Album / Brochure
- 商品目录手册 Product Catalog Manual
- 鼠标垫、午餐垫 Mouse Pad / Lunch Mat
- 名片 Business Card

E-print Synthetic Paper / Usages

易印®合成纸 用途

主要使用案例 Main Application Cases



户外海报
Outdoor Posters



织锦、吊旗
Brocade, Hanging Banner



菜单
Menu



窗贴
Window Decals



名片
Business Card



POP、价格签
Point Of Purchase, Price Tags



Publication: Stationery
出版物、文具用品

- 地图册 Atlas
- 旅行指南 Travel Guidebook
- 浴室海报 Bathroom Poster
- 浴室书籍 Bathroom Book
- 记事本 Notebook
- 年历 Calendar
- 相册、写真集 Photo Album
- 教科书 Textbook
- 儿童读物 Children's Books
- 需要防水的书籍 Waterproof Books
- 证书内页 Certificate Insert

E-print Synthetic Paper / Usages

易印® 合成纸 用途

主要使用案例
Main Application Cases



浴室海报、浴室书籍
Bathroom Posters, Bathroom Books



早教读物
Early Childhood Education Books



相册、写真集
Photo Album, Photo Collection



年历
Calendar



证书内页
Certificate Insert



地图、旅行指南
Map/Atlas、Travel Guidebook

E-print Synthetic Paper / Usages

易印® 合成纸 用途

主要使用案例 Main Application Cases



瓶贴标签、食品标签、瓶颈吊牌
Bottle Labels, Food Labels, Bottle Neck Hang Tags



手环
Wristband



不干胶标签
Self-Adhesive Labels



警告标签
Warning Labels



花卉标签
Flower Labels



服装标签、服装吊牌
Clothing Labels, Clothing Hang Tags



- 容器标签 Container Label
- 食品标签 Food Label
- 标题标签 Title Tag
- 花卉与植物标签 Flower And Plant Label
- 食物垫纸 Food Placement
- 不透气包装袋 Airtight Packaging Bag
- 外包装 Outer Packaging
- 包装纸 Wrapping Paper
- 捆扎带 Strapping
- 储存袋 Storage Bag
- 瓶颈吊牌 Neck Tag
- 手环 Wristband



E-print Synthetic Paper / Technology

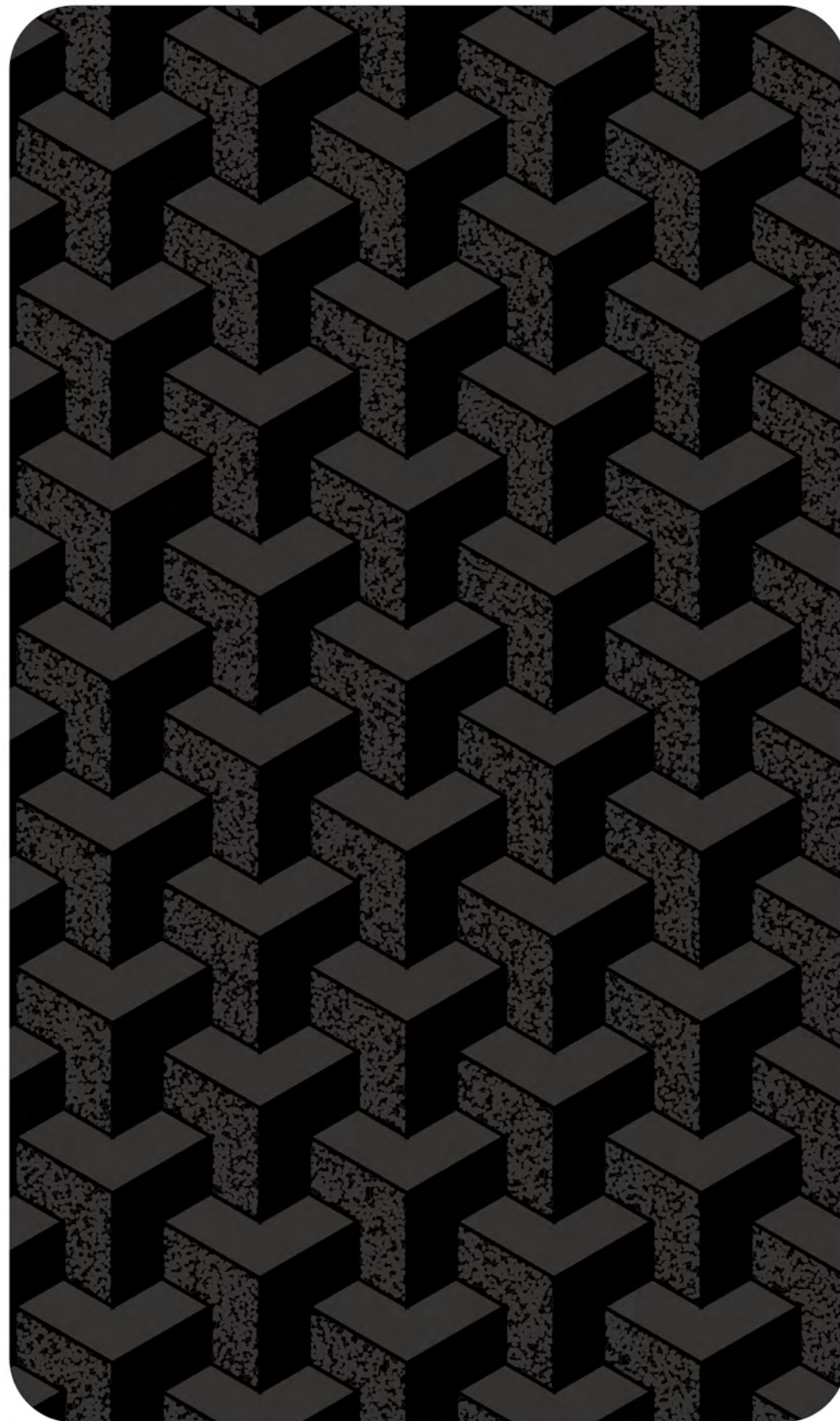
易印®合成纸 工艺

贺卡、宝宝书、POP展示
“易印®合成纸”防撕的特性
使裁切、冲压、钻孔完全无忧，让创意成为现实。

Greeting Cards, Baby Books, POP Displays
The tear-resistant property of “E-print Synthetic Paper” eliminates all worries about cutting, stamping, and drilling, turning creativity into reality.

★ 提示：裁切终点以及角落尽量使用圆弧。
★ Please cut with rounded edges as much as possible, especially at the cutting endpoints and corners.







E-print Synthetic Paper / Technology

易印®合成纸 工艺

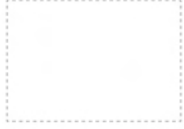


“易印®合成纸”干净光滑的表面使其成为烫金工艺的首选材料，无论您选择金属还是色素箔，都能毫无限制地展现迷人效果，
提示：选择加热温度较低的箔，最高温度为110℃，一面纸张翘曲。卡片纸张为“易印®合成纸” HSY370

The clean and smooth surface of "E-print Synthetic Paper" makes it the preferred material for the hot stamping process.

Whether you choose metallic or pigment foils, it can display charming effects without any restrictions.

Note: Select foils that require a relatively low heating temperature.
with the maximum temperature not exceeding 110°C to avoid the warp occur for one side of the paper.



E-print Synthetic
Paper
易印®合成纸



货号 Model	张 / 包 Sheets/Package	张 / 夹板 Sheets/Pallet
HSY80	500	9000
HSY100	500	9000
HSY120	250	6000
HSY150	250	6000
HSY180	250	5000
HSY200	125	5000
HSY230	125	4000
HSY260	125	4000
HSY290	100	3500
HSY370	100	2500

正度787X1092(mm) 、大度889X1194(mm)

可提供卷料：门幅1095mm、1200mm配切

Regular Size: 787×1092 mm Large Size: 889×1194 mm

Size/Width By Roll: 1095mm、1200mm or Customized.

E-print Synthetic
Paper
易印®合成纸

HSY80

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY80

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY100

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY100

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY120

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY120

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY150

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY150

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY180

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY180

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY200

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY200

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY230

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY230

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY260

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY260

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY290

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY290

787 X 1092mm · 889 X 1194mm

E-print Synthetic
Paper
易印®合成纸

HSY370

787 X 1092mm · 889 X 1194mm



E-print Synthetic
Paper
易印®合成纸

HSY370

787 X 1092mm · 889 X 1194mm



E-print Synthetic Paper / Material Data Sheet (MDS)

易印® 合成纸 物性表

Test Item 测试项目	Test Method 测试方法	Unit 单位	HSY080	HSY100	HSY120	HSY150	HSY180	HSY200	HSY230	HSY260	HSY290	HSY370
Thickness 厚度	ISO534	μm	80	100	120	150	180	210	240	270	300	390
Grammage 单位克重	ISO536	g/m ²	67	80	90	110	125	134	167	186	200	280
Opacity 不透明度	GB/T 1543	%	≥75	≥75	≥75	≥75	≥75	≥75	≥75	≥75	≥75	≥75
Heat Shrinkage Rate 热收缩率	MD	GB/T-10003 (120 °C-5min) %	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0
	TD		≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Tensile Strength 拉伸强度	MD	GB/T-1040.3 MPa	≥70	≥70	≥70	≥70	≥70	≥70	≥70	≥70	≥70	≥70
	TD		≥120	≥120	≥120	≥120	≥120	≥120	≥120	≥120	≥120	≥120
Elongation At Break 断裂伸长率	MD	GB/T-1040.3 %	≤180	≤180	≤180	≤180	≤180	≤180	≤180	≤180	≤180	≤180
	TD		≤70	≤70	≤70	≤70	≤70	≤70	≤70	≤70	≤70	≤70

- ★ 本数据表中提供的有关产品及其应用信息是基于代表性材料的测试得出的。
- ★ 该信息不构成对任何特定产品属性或对产品特定应用的适应性，明示或暗示，担保或保证。
- ★ The information about products and their applications provided in this data sheet is derived from tests conducted on representative materials.
- ★ This information does not constitute an express or implied warranty or guarantee regarding the attributes of any specific product or the suitability of the product for any specific application.