



THE NEXT-GENERATION Eco-friendly materials

*—Where Quality, Reliability
and Support meets you*



HANGZHOU HYDROTECH CO., LTD.

TEL: 0086-571-85192560 / 85192160

FAX: 0086-571-85195380

EMAIL: sales@haitianchina.com.cn

WEB: www.chinahdht.com





INNOVATIVE PRODUCT
RESPONSIBLE PRODUCTION
SUSTAINABLE BUSINESS CONDUCT





HYDROTECH

COMPANY PROFILE

Hangzhou Hydrotech Co., Ltd. was established in 2001. The company mainly focuses on manufacturing, R&D and sales of sublimation transfer paper, water-based printing ink for decorative paper and wrapping paper. In order to meet the speedy development requirement from domestic and foreign market, the company owns three wholly owned subsidiaries (Hydrotech Trading, Quzhou Dongda Composite Material Technology Co., Ltd. and Runyi Science & Technology), realizing the integration of industry chain and professionally operating different products.

The company owns a reasonable structured R&D group consisting of professors, senior engineers and engineers. The patents covers the whole product series with independent intellectual property rights.

The company has built a modern enterprise management team to ensure standardization, process-oriented and efficient operation, possessing obvious technical advantages and strong development power in the application of sublimation transfer paper , water-based ink for decorative paper and wrapping paper.

MILESTONE

PROMOTE QUALITY DEVELOPMENT



2001&2007

- Established in Zhejiang University National Science Park in 2001;
- Officially located in Tonglu Economic Zone and appraised as a science and technology enterprise in Zhejiang Province in 2007;
- It passed the ISO 9001:2000 certification of Swiss SGS Company.

2009

- Sublimation Transfer Paper had been put into production and the first high-speed production line had been built in China;
- Appraised as the National Key High-technology Enterprises.

2012&2015

- Built the second high-speed production line;
- Established Zhejiang Provincial R & D Center.

2018

- Acquisition of Quzhou Dongda Special Paper Co., Ltd. as paper production base;
- Built a new pulp paper line;
- Built the third high-speed production line.

2020

- The fourth high-speed production line of sublimation transfer paper was put into production;
- Started the construction of a new plant.

2022

- Built the fifth high-speed production lines of sublimation transfer paper;
- The new workshop of ink was put into production.



PATENTS

The company has obtained nearly 40 authorized patents, including more than 20 national invention patents, 13 industrialized patents, and more than 10 research achievements that are currently being applied for. New applications are for 8-10 patents per year, and patent technology is covering each product.

STANDARDS

Zhejiang manufacturing standards for sublimation transfer paper T/ZZB 1950-2020
QB/T 5477-2019
GB/T 38153.2-2019
GB/T 28995-2012
GB/T 13217.1-2020



中华人民共和国国家标准
national standards of
People's Republic of China



TECHNOLOGY

ADVANCED GREEN SUSTAINABLE

PRODUCT

CREATE VALUE FOR CUSTOMERS

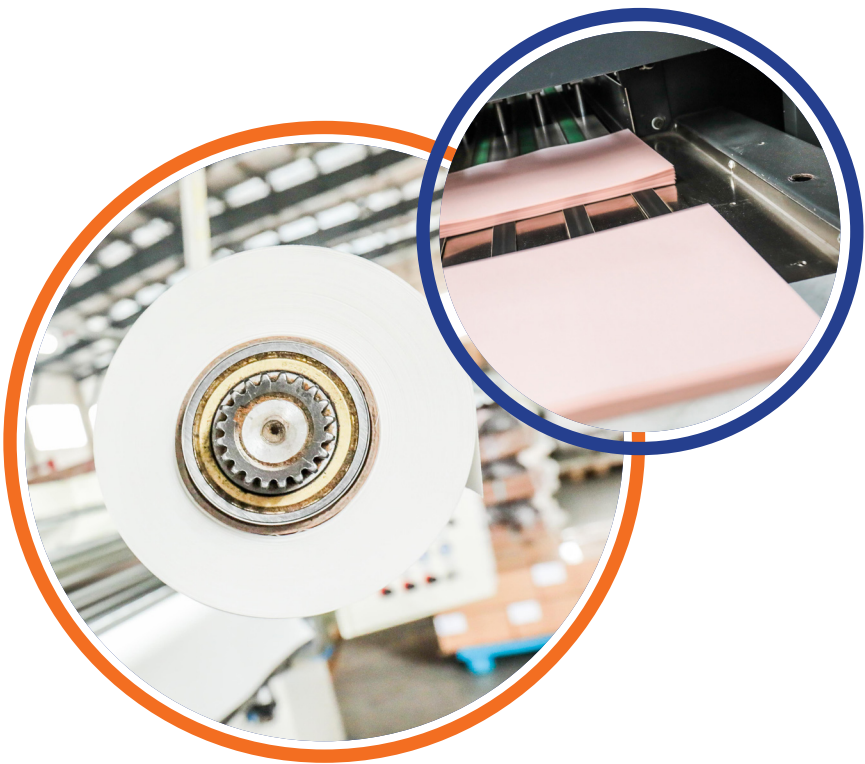


- Super Speed
- High Speed
- Sticky
- Industrial
- Sheets

DTF3.0-HP

- Grease-proof paper
- Fluoride-free grease-proof paper
- Waxed paper
- Bakery paper
- Kraft paper

- 5000 Series
- 3000 Series
- Pearl Series



SUBLIMATION PAPER

FEATURES:
Fast drying speed, superb transfer rate, vivid color, high definition.



PAPER-BASED HEAT TRANSFER FILM-DTF

FEATURES:
The surface of pattern and clothing always keeps dry and clean, energy-saving, environmental protection, and completely recyclable.



WRAPPING PAPER

FEATURES:
Excellent printing performance, good stiffness and strength, no fluorescent substances, biodegradable.

WATER-BASED PRINTING INK FOR DECORATIVE PAPER

FEATURES:
High definition, strong texture, good light and heat resistance, good printing stability.



SERVICE

PROFESSIONAL TIMELY COMPREHENSIVE



CONSULTING

Check the production index;
Analyze the application process;
Analyze and validate the key problems;
Deeply understand the reasons of problems.



PROFESSIONAL DOCKING

Professional engineers diagnose by telephone, video and on the spot;
Confirm the key of products or problems;
Provide comprehensive implementation plan and follow-up evaluation measures;
Solve problems !



TIMELY SERVICE

After-sales service telephone: +8618858295088, timely reply within 8 hours;
After-sales service engineers arrive within 24 hours in the province, arrive within 72 hours outside the province.

SUPER SPEED
SUBLIMATION
PAPER



X8410 / 8409 / 8408 / 8407

Large ink capacity, fast drying speed, X8400 will give you completely different experience of instant ink drying.

FEATURE

Ultra fast printing speed and instant ink drying
Large ink absorption and good smoothness
Anti-curling in high temperature
Superb adaptability for various application environments

SPECIFICATION

MODEL	WIDTH	LENGTH	JUMBO ROLL
X8410	610mm (24inch) 914mm (36inch) 1118mm (44inch)	30/50/100/200m	7000m
X8409	1520mm (60inch) 1620mm (64inch)	100/200m	8000m
X8408	1520mm (60inch)	150/200m	8000m
X8407	1620mm (64inch)	200m	10000m

*Other widths, lengths and jumbo rolls can be customized according to your requirements.

PERFORMANCE

MODEL	GRAM (g/m2)	DRYING RATE	TRANSFER RATE	INK CAPACITY
X8410	100	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧💧
X8409	90	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧💧
X8408	80	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧
X8407	58	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧

*The more marks, the better.
*Suggested printing conditions: 25℃ , 50%RH.
Put in the printing environment at least 24 hours before usage.

HIGH SPEED
SUBLIMATION
PAPER



RHT- 6110 / 6108 / 6107 / 6105

Meet your triple requirements: high speed printing, fast drying; large ink absorbing capacity, suitable for dark transfer; rich color performance.

FEATURE

High ink amount printing
High speed printing and fast drying
Superb transfer rate, excellent color density
Outstanding detail printing

SPECIFICATION

MODEL	WIDTH	LENGTH	JUMBO ROLL
RHT-6110	610mm(24inch) 914mm(36inch)	100/200m	7000m
RHT-6108	1118mm (44inch)	100/200m	8000m
RHT-6107	1500mm (59inch) 1520mm (60inch)	200m	11000m
RHT-6105	1620mm (64inch)	200m	15000m

*Other widths, lengths and jumbo rolls can be customized according to your requirements.

PERFORMANCE

MODEL	GRAM (g/m2)	DRYING RATE	TRANSFER RATE	INK CAPACITY
RHT-6110	100	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧💧
RHT-6108	80	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧💧
RHT-6107	61	🌸🌸🌸🌸	★★★★★	💧💧💧💧
RHT-6105	48	🌸🌸🌸🌸	★★★★★	💧💧💧💧

*The more marks, the better.
*Suggested printing conditions: 25℃ , 50%RH.
Put in the printing environment at least 24 hours before usage.

STICKY
SUBLIMATION
PAPER



RHT-6510

Specifically designed for applications in stretch fabrics by thermally stick on it, thus effectively avoid shrinkage of fabrics and offering extraordinary performance in detail printing.

FEATURE

Thermally stick to various kinds of stretchy fabrics, stickiness stability
Avoiding shrinkage of fabrics and suitable for all different weather conditionsFast drying speed
Superb transfer rate, extraordinary detailed printing

SPECIFICATION

MODEL	WIDTH	LENGTH	JUMBO ROLL
RHT-6510	914mm (36inch) 1118mm (44inch) 1520mm (60inch) 1620mm (64inch)	100/200m	7000m

*Other widths, lengths and jumbo rolls can be customized according to your requirements.

PERFORMANCE

MODEL	GRAM (g/m2)	DRYING RATE	TRANSFER RATE	INK CAPACITY
RHT-6510	100	🌸🌸🌸🌸🌸	★★★★★	💧💧💧💧💧

*The more marks, the better.
*Suggested printing conditions: 25℃ , 50%RH.
Put in the printing environment at least 24 hours before usage.

INDUSTRIAL
SUBLIMATION
PAPER



RHT- 7106 / 7104 / 7103

Cost-effective products, satisfactory overall performance. Fast drying speed, especially suitable for high-speed printing.

FEATURE

Anti-curling
Large ink absorbing capacity and wide printing adaptability
Decolorization is faster and production efficiency is improved
Superb transfer rate, vivid image

SPECIFICATION

MODEL	WIDTH	MINI ROLL	JUMBO ROLL
RHT-7106	1520mm (60inch) 1620mm (64inch)	1000/2000m	12000m
RHT-7104		1000/2000m	15000m
RHT-7103		1000/2000m	16000m

*Other widths, lengths and jumbo rolls can be customized according to your requirements.

PERFORMANCE

MODEL	GRAM (g/m2)	DRYING RATE	TRANSFER RATE	INK CAPACITY
RHT-7106	51	🌸🌸🌸🌸	★★★★★	💧💧💧💧
RHT-7104	43	🌸🌸🌸🌸	★★★★★	💧💧💧💧
RHT-7103	35	🌸🌸🌸🌸	★★★★★	💧💧💧

*The more marks, the better.
*Suggested printing conditions: 25℃ , 50%RH.
Put in the printing environment at least 24 hours before usage.

S8412 / 8410

The sublimation transfer paper of Hangzhou Hydrotech Co., Ltd. has the advantages of high transfer rate, fast drying speed, bright color and stable quality. It is widely used in fashion, home textiles, sports, advertising signs, hard plates and other fields.

SPECIFICATION

MODEL	GRAM (g/m ²)	SIZE (inch)	SHEETS PER PACK	PACK PER CARTON	CARTON PER PALLET
S8412	125	8.3"×11.7"	100	20	80
		16.5"×11.7"	50/100	20/10	80
		13"×19"	50	25	60
S8410	100	8.3"×11.7"	100	20	80
		16.5"×11.7"	50/100	20/10	80
		8.5"×11"	100	20	80
		11"×17"	100	10	80
		13"×19"	50	25	60

BEST TRANSFER CONDITION

SUBSTRATES	TEMPERATURE	TIME
Polyester fiber	375F-190C	20 sec
Aluminum plate	340F-170C	40 sec
Ceramics	355F-180C	200 sec
Glass	375F-190C	100 sec
Stone Board	340F-170C	300 sec
Mousepad	390F-200C	30 sec

TYPE	MODEL	GRAM (g/m ²)	MINI ROLL	JUMBO ROLL
Super Speed	X8410	100	○	○
	X8409	90	○	○
	X8408	80	○	○
	X8407	58	○	○
High Speed	RHT-6110	100	○	○
	RHT-6108	80	○	○
	RHT-6107	61	○	○
	RHT-6105	48	○	○
Sticky	RHT-6610	100	○	○
Industrial	RHT-7106	51	○	○
	RHT-7104	43	○	○
	RHT-7103	35	○	○
Sheets	S8412	125		
	S8410	100		

