Electronics | Automobile | Iron and Steel | Medical | Electric Power | Tire and Belt | Ceramic

SHANGHAI ETIA-TECH
Special Barcode Label Identification

SHANGHAI ETIA-TECH CO., LTD.

INDUSTRIAL IDENTIFICATION OF ETIA-TECH

—— The foundation tone of digital production management

Shanghai Etia-Tech Co., Ltd. was established in 2004, has specialized in the barcode identification industry for more than 10 years, which is the professional supplier of industrial barcode identification materials. Etia-Tech headquartered in Shanghai, with branches and offices in Shenzhen, Chengdu, Beijing, Xiamen, Wuhan, Shandong, Taiwan and Vietnam and other places.

Advanced digital production management cannot be separated from the basic information carrier – barcode label, and Shanghai Etia-Tech redefines the industrial identification and becomes the pioneer of MES label. Based on the business philosophy of innovation, integrity considerate service and value creation, we cooperate with many world famous brands to develop new technology and new products of label materials, and provide special identification materials and equipment for electronics, steel, automobile, rubber, ceramic and medical device manufacturing industries domestically, which are required in production process control, so as to meet the special requirements for labels during processing or use, such as EMI, ESD, tear resistance, thermal conductivity, electrical conductivity, oil resistance, strong acid and alkali resistance, etc.

Electronics Industry

SMT High Temperature Label

It can be used at -40℃ ~ 350℃ without falling off, deformation and yellowing. Withstand harsh production environment of reflow solder and wave solder.

ESD Label

The surface resistivity of ESD product is ≥ 105 Ω and ≤1011Ω, and in case of peeling from release liner, the static discharge is below 100V/inch2 in order to protect electronic component.

Flame Retardant Label

Used in battery with excellent flame retardant and insulation, which complies with UL 94VTM-0. Meet different grade flame retardant requirement and halogens free.

Automobile Industry

Ultra-sticky Anti-oil Label

It can be stuck on the surface of being oily, wet, rough and dirty with excellent performance of anti-high temperature, anti-chemical, and good adhesion.

Anti Acid, alkali & scratch Label

It can withstand harsh production environment without falling off, deformation or curling, during production process of cylinder heads for automobiles.

Steel Industry

High temperature Label

It can be stuck directly on the surface of steel at the high temperature.It is used to manage and track in production with excellent high-temperature resistance and readable easily.

High temperature Tag

It can be used at extremely high temperature production environment.Hung on the products, it is used to manage and track in production with excellent performance of anti-high temperature, tear and tensile resistance.

Heat Treatment Label

It has some special characteristics such as ultra-sticky, high temperature, chemical and oil resistance, etc.It is a kind of ultra-sticky low surface label with weather resistance. It can avoid identifying errors and metal loss.

Medical Industry

Low Temperature Label

Used at -196℃~150℃ without falling off and deformation.It can resistant solvent, bio-adhesive and UV light with best weather resistance and stable printing performance.

Anti Chemical and Corrosion Label

Disigned for medical technology and biological laboratory.Applied to plastics, glass wares, glass slides, microwell plates, and meet any laboratory environment.

Ultra-sticky Blood Bag Label

Withstand low temperature at -40℃ and 145℃ high pressure steam disinfection, ETO sterilization. Without falling off happens in high speed centrifuge due to the ultra-sticky adhesive.Printable easily.

Power Communication

Nylon winding Label

It has good flexibility with a permanent pressure sensitives acrylic adhesive, can be used on irregular surfaces without curling. Printable easily, suitable for hand writing with outstanding performance, halogen free.

PP Cable Flag Label

With a permanent pressure sensitives acrylic adhesive can laminate to itself as flag without curling and falling off. It provides excellent performance of weather resistance, anti-friction, UV, high temperature, water and humidity.

Transparent Self-covering Label

VINYL has good flexibility with ultra-sticky, has excellent performance of high temperature, UV, weather resistance. Suitable for caution label of winding mode.

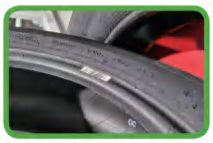
Pipeline and Equipment Label

Used for electric pole, pipeline identification, outdoor cable, pallet management and other outdoor environments, with UV and weather resistance etc. performance for 5~8 years.

Anti-Tear Data-Plate Label

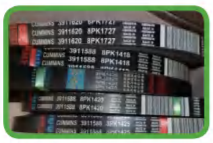
It can be printed with various traditional solvents and water-based inks, with good adhesion. It can resistant to friction, high temperature, high humidity, etc. and suitable for data-plates and assets.

Tire Belt



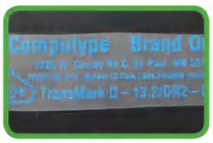
Tyre Vulcanization Label

The vulcanized temperature could be up to 200℃ and it can be used before or after vulcanization with strong adhesive and friction resistance.



Belts Label

It could be used for belts, hoses, air springs and other rubber products. Print real-time variable data on the preprinted materials by thermal transfer printer.



Transfer Base Film

The film has different thickness, and withstand the high temperature up to 177℃. Could be used all belts of after vulcanization. Could also be used for air springs and rubber bladders;round mold vulcanization or segmented vulcanization.

Ceramic Sanitary Ware

Sanitary Ceramic Label

Sanitary ceramic label suitable for identification and management of metal, ceramic product with permanent friction resistance.

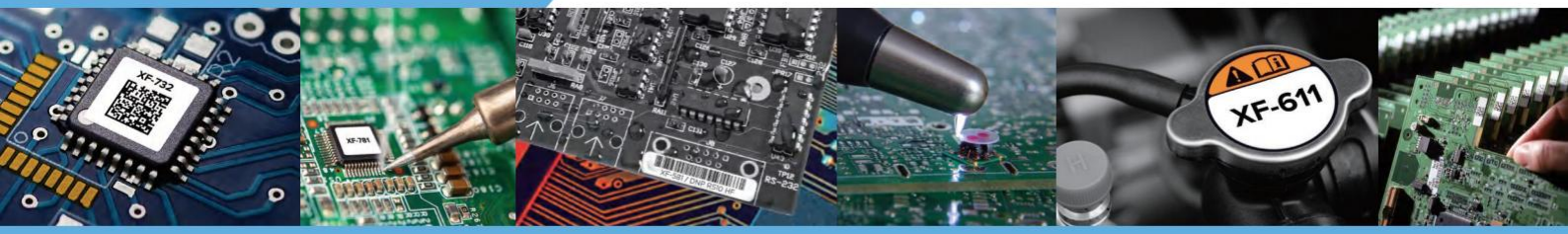
Glass / Lamp Label

It can be used on the surface of lamp and other glass products. It can withstand harsh production environment. Permanent friction resistance.

High TEMP Auto-hub Label

Application widely, withstand high temperature up to 1300℃ with excellent friction resistance. Printable easily.

Electronics Industry



Electronics Identification Material has thermal transfer printable topcoat, specially designed for barcode or alphanumeric identification of printed circuit boards. With resistance to high temperature, ESD or flame retardancy, it can withstand soldering, reflow and various chemical solvent during the SMT process and unique color series can be used to identify different production lines easily.

The existing problems for ordinary labels in electronics production process

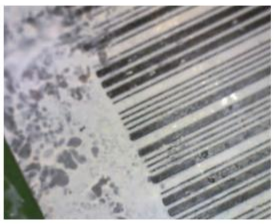
1

The high temperature
label blurring and bubbling

2

Non-ESD labels
damage of circuit boards

3



No resistance to
chemicals and corrosion

4

A complex production
environment label abrasion

5

Spatter or direct contact
with soldering flux label damage

6

Unqualified printing barcode
discoloration and unclear words

Our Products

SMT High Temperature Label

It can be used at -40℃ ~ 350℃ without falling off, deformation and yellowing. Withstand harsh production environment of reflow solder and wave solder.

ESD Label

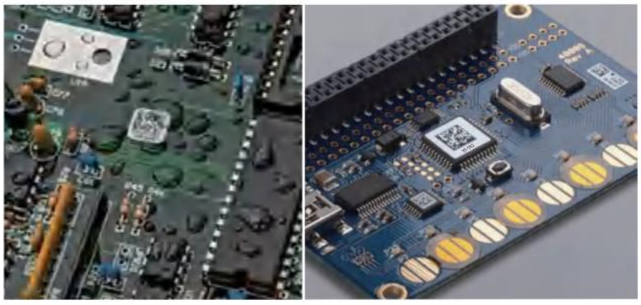
The surface resistivity of ESD product is ≥ 105 Ω and ≤1011Ω, and in case of peeling from release liner, the static discharge is below 100V/inch2 in order to protect electronic component.

Flame Retardant Label

Used in battery with excellent flame retardant and insulation, which complies with UL 94VTM-0. Meet different grade flame retardant requirement and halogens free.

SMT High Temperature Label

Based on Thermogard TM technique, Electronics high temperature label is designed to meet the temperature requirements of soldering and reflow. The high temperature is up to 280℃. In addition, its durability can withstand the multiple cleanings through the process of using anti-causticity soldering flux and circuit boards.



Application

- Identification of printed circuit boards
- Electronic components tracking
- high-density printing
- asset tracking
- product labels
- warranty

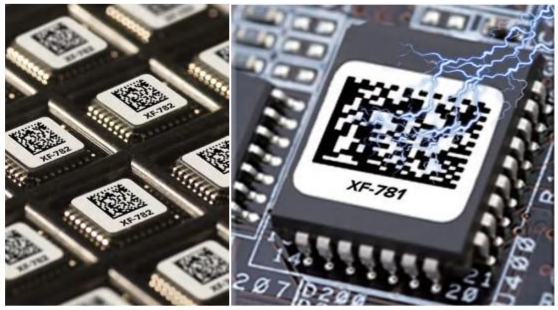
Characteristics & Advantages

- Color series, different label thickness
- High temperature range from -40℃ to 350℃
- Extremely good printing and press effects
- without falling off, deformation and yellowing
- Chemical resistance, and no dissolve in any biochemical solvent
- Acrylic adhesive and silicon system, halogens free
- Complying with global certification of UL, CSA and ROHS

Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
XF-581	Gloss White	PI	Acrylic	1mil	-40~350℃	Excellent for printing
XF-582	Gloss White	PI	Acrylic	2mil	-40~350℃	Excellent for printing
XF-583	Matte White	PI	Acrylic	1mil	-40~350℃	Washable
XF-531	Gloss White	PI	Acrylic	1mil	-40~350℃	Stable performance
XF-533	Matte White	PI	Acrylic	1mil	-40~350℃	Stable performance
E-8511	Gloss White	PI	Acrylic	1mil	-40~300℃	Automatic labeling

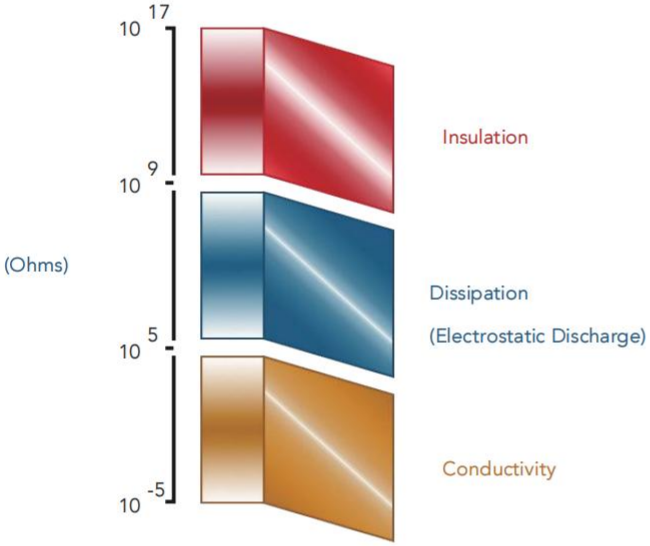
* More products are detailed in Product List. Other coating colors: yellow green pink black

ESD Label

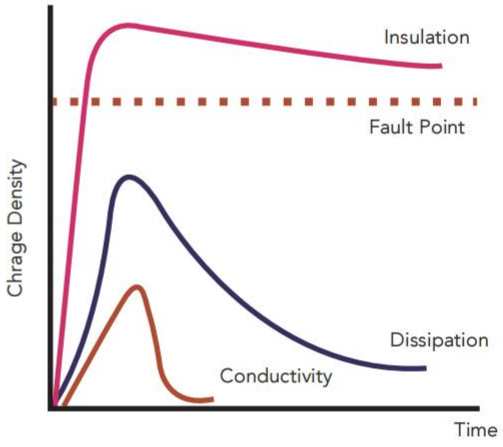


ESD label is designed to solve possible problems, electrostatic discharge (ESD) of two major circuit boards, existing for standard label. It can minimize the friction charges when stripped from the bottom paper, and eliminate the charge accumulation on the label. The new generation of barcode label strengthens the antistatic function and helps protect the PCB and components from ESD during the label application process.

- Non-conductive adhesive
- Used for electrostatic safety electronics
- Chemical resistance and halogen free
- With certification of UL and ROHS



Resistivity Spectrum (Ω)



Dissipation Spectrum Graphic

Product	Material	Adhesive	Thickness	Temperature Resistance	Resistance	Voltage
XF-781	PI	Acrylic	1mil	-40~300℃	≥10^8 and ≤10^{11}	<100V
XF-782	PI	Acrylic	2mil	-40~300℃	≥10^8 and ≤10^{11}	<100V
XF-784	PI	Acrylic	1mil	-40~300℃	≥10^8 and ≤10^{11}	<125V
XF-511	PI	Acrylic	1mil	-40~300℃	≥10^4 and ≤10^6	<125V
XF-446	PET	Acrylic	2mil	-40~204℃	≥10^7 and ≤10^8	<100V

* More products are detailed in Product List.

Flame Retardant Label

Used in battery with excellent flame retardant and insulation, which complies with UL 94VTM-0 & FAR specification. Meet different grade flame retardant requirement and halogens free.

Characteristics

- Material: PI, PET
- Electronics Insulating Label
- High temperature and Chemical resistance, halogen free With certification of UL 94 VTM-0 specification
- Meet the standard of BSS 7238 & 7239 AND reach & ROHS

Application

- Battery label
- PCB label
- Network card
- Parts tracking
- Power

Product	Material	Adhesive	Thickness	Temperature Resistance	Flame Retardancy UL94	Voltage
XF-603	PI	Acrylic	1mil	-40~300℃	VTM-0/VTM-0 Ratin	Excellent performance of flame retardant, chemical resistance and halogen free
XF-611	PET	Acrylic	1.5mil	-40~150℃	VTM-0/VTM-0 Ratin	Excellent performance of flame retardant, chemical resistance and halogen free

* More products are detailed in Product List.

Samples

Automobile Industry

Engine / Auto Parts / Car Frame / Hub Label materials

PET, PI, PE etc. labels are ideal to identify products of Auto Parts. The barcodes provide the ability to manage and track the process and product quality. They have been used in many different areas including but not limited to brake pads, rims, tires, belts, hoses, engines, calipers, axles, electronic braking systems, wire harnesses, plastics interior parts, exterior parts, and the hood components.

Engine Label

It can be stuck on engine, instrument panel and data plate with excellent performance of anti high temperature, anti water, without falling off and deformation with ultra-sticky.

Ultra-sticky Anti-oil Label

It can be stuck on the surface of being oily, wet, rough and dirty with excellent performance of anti-high temperature, anti-chemical, and good adhesion.

Auto Parts Label

It can withstand harsh production environment without falling off, deformation or curling, during production process of cylinder heads for automobiles.

Battery Label

Stick on battery surface without curling, excellent performance of anti-high temperature, water, acid, alkali, electrolyte corrosion and ESD.

Safety Caution Label

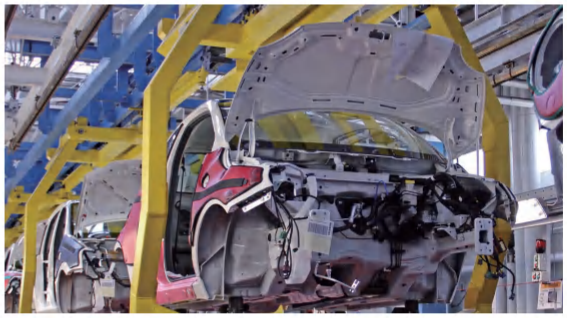
High performance imported materials with excellent ink absorption, bright images and colors. Used for caution potential hazards and preventing dangerous accidents.

Hub Label

Wide scope of application. Excellent friction resistance, printable easily. Withstand high temperature up to 1300℃.

Auto Parts Labels and Tags

Labels and tags contain various materials, such as PET, PI, PE, PAPER, NY, AL, Stainless Steel inorganic etc. with different thickness. The coatings are divided into white (Single side), white (Double-sides), gloss white, and matte white. It can withstand high temperature up to 1280℃. With excellent performance of enhanced adhesive, friction & water & humidity resistance, it is designed for back cover material that meets the requirements on the low temperature, but anti-high temperature.



Application

- Engine tracking label
- Exhaust pipe / Hub / Lamp / Auto parts label
- Brake pad / Caliper / Frame / Hood components label
- Electronic braking systems / Wire harnesses label
- Plastics interior parts / Exterior parts label
- Battery / Safe caution label

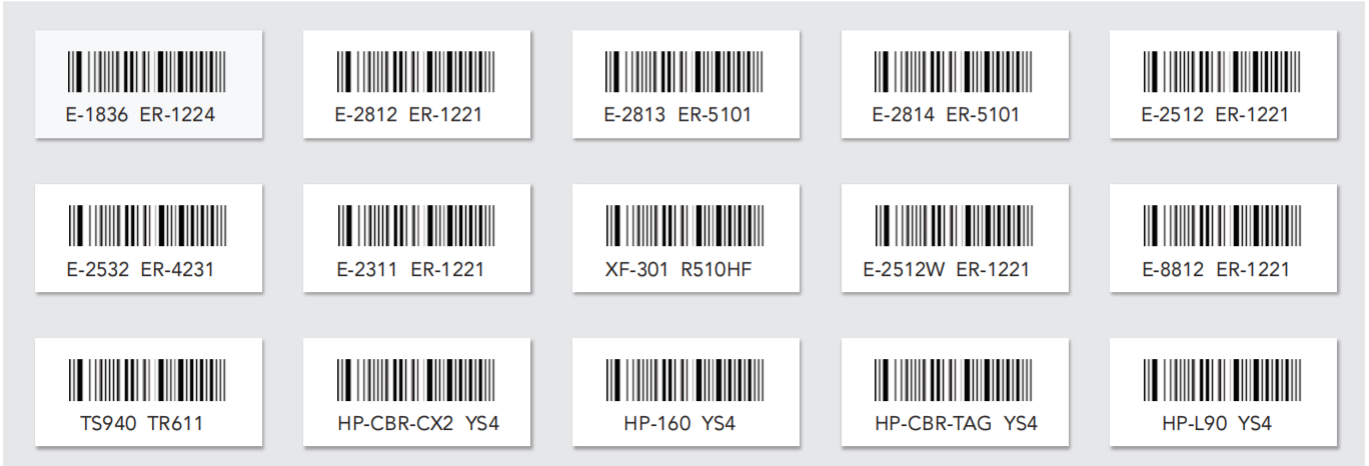
Characteristics & Advantages

- Various materials, different thickness
- Ultra high temperature resistance from -40℃ to 350℃
- Extremely good printing and press effects
- Chemical, water & humidity & dirt resistance
- Friction & oil & high-pressure cleaning resistance
- Ultra sticky, strong reduction
- Without falling off, deformation and curling

Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
E-1836	Matte White	Paper	Acrylic	4mil	-40~200℃	Used widely with stable performance of enhanced adhesive and high temperature resistance
E-2812	White	PET	Acrylic	2mil	-40~150℃	Stable performance with enhanced adhesive, anti-oil and waterproof
E-2813	White	PET	Acrylic	2mil	-40~200℃	Enhanced adhesive, chemical, dirt & humidity resistance, excellent surface strength
E-2814	White	PET	Acrylic	4mil	-40~200℃	Enhanced adhesive, high temperature resistance, can be used for frame, accessories
HP-160	White	AL	Acrylic	2mil	-40~300℃	Excellent high temperature resistance, exhaust pipe label
HP-CBR CX2	White	Inorganic	Acrylic	5u	1300℃	Ultra high temperature resistance, anti-scratch, can be used for hub, lamp, and other auto parts
HP-CBR TAG	White	Stainless Steel Inorganic	Acrylic	15mil	1300℃	Ultra high temperature resistance, can be used for tags
XF-537	Black	PI	Acrylic	1mil	-40~260℃	Laser label with high temperature resistance and anti-static, halogen free
XF-539	White	PI	Acrylic	1mil	-40~260℃	Laser label with high temperature resistance, halogen free
E-2532BL	Black	PET	Acrylic	2mil	-40~180℃	Laser label with high temperature resistance, halogen free

* More products are detailed in Product List.

Samples



Steel Industry

Steel industry identification is a specialized material on the metal sheets, coils, wires and rods. Meanwhile, excellent topcoat technology make the material printable. Due to the uniqueness of steel industry, the label has to survive from high temperature, acid chemicals, oils, abrasion during production and transportation, and some other harsh environment and weather.

High temperature Label

It can be stuck directly on the surface of steel at the high temperature.It is used to manage and track in production with excellent high-temperature resistance and readable easily.

High temperature Tag

It can be used at extremely high temperature production environment.Hung on the products, it is used to manage and track in production with excellent performance of anti-high temperature, tear and tensile resistance.

Heat Treatment Label

It has some special characteristics such as ultra-sticky, high temperature, chemical and oil resistance, etc.It is a kind of ultra-sticky low surface label with weather resistance. It can avoid identifying errors and metal loss.

High temperature Label

The product could withstand high temperature and production environment under heat process. Excellent topcoat technology make the material realized thermal transfer printing. The extremely high temperature is 1200℃. In the whole process of heat treatment, it could be used to track the steel types, manufacturing lots, serial numbers, specification and weight, etc.

Application

- Metal sheets, coils, wires, pipes and rods
- Steel wires, steel coils and profile steel
- Aluminum products
- Continuous casting production and casting molds
- High pressure gas cylinder
- Inventory management and process management

Characteristics & Advantages

- Various materials, different thickness
- Acrylic adhesive and silicon system, halogen free
- Extremely good printing and press effects
- Ultra high temperature resistance to 1300℃, resistance to tearing and strong materials
- Ultra sticky, chemical & humidity & dirt resistance
- Thermal transfer print coating, with global certification of REACH and ROHS

Product	Coating	Material	Adhesive	Thickness	Labeling Temperature	Temperature Resistance	Characteristics
E-2813	White	PET/Glassine	Acrylic	2mil	RT~200℃	-40~200℃	Ultra sticky, chemical, dirt & humidity resistance.
HP-360	White	AL/PET	Silicon	2mil	RT~600℃	-40~600℃	Better performance on heat application
HP-600	White	AL	Silicon	2mil	250~600℃/5S	-40~600℃	Hot application, can be used for casting, sheets, billets
HP-700	White	Brass	Silicon	1mil	450~800℃/5S	-40~800℃	Hot application, can be used for casting, steel, billets

* More products are detailed in Product List.

High Temperature Tag

The product could withstand high temperature and production environment under heat process and firing of hot rolling steel products, requiring a tag. With excellent resistance to deformation, solvent and high temperature, it could be used for production management & tracking.

Application

- Production management & tracking
- Steel wires, steel coils and bloom
- Aluminum products and stainless steel
- Steel tempering and firing
- High pressure gas cylinder
- Auto parts
- Inventory management and process management

Characteristics & Advantages

- Various materials, different thickness
- Cost efficient
- Extremely good printing and press effects
- Ultra high temperature resistance to 1300℃
- Acid resistance, exceptional heat resistance
- Chemical & humidity & dirt resistance
- Economical type, Stable performance

Product	Coating	Material	Thickness	Temperature Resistance	Characteristics
HP-L85	white (Single-side)	Stainless Steel	2mil	-40~1000℃	Ultra sticky, chemical, dirt & humidity resistance
HP-L90	white (Double-sides)	Stainless Steel	2mil	-40~1300℃	Better performance on heat application
HP-T40	white (Double-sides)	PI	5mil	-40~400℃	Hot application, can be used for casting, sheets, billets
HP-CBR-Tag	White	Stainless Steel	15mil	-40~1300℃	Hot application, can be used for casting, steel, billets

* More products are detailed in Product List.

Sample

E-2813 ER-5101

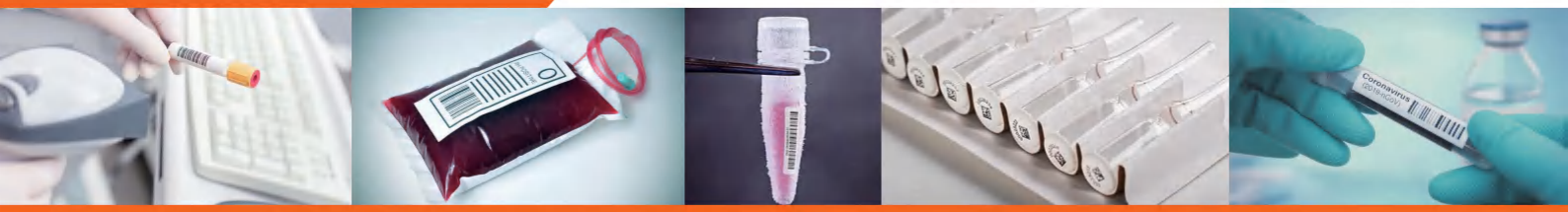
E-2814 ER-5101

HP-160 YS4

HP-L85 YS4

HP-L90 YS4

Medical Industry



Designed for life technology, judicial doctors, agriculture and laboratory researches, the product meets the demands of laboratory identification on convenience, clearness and durability. It has excellent resistance to fast cooling, high temperature sterilization and centrifuge in laboratory researches. Deformation never happens, even if the product works on extreme low temperature. The stable quality and barcode read rate ensure put and end to medical errors.

Low Temperature Label

Used at -196℃~150℃ without falling off and deformation.It can resistant solvent, bio-adhesive and UV light with best weather resistance and stable printing performance.

Anti Chemical and Corrosion Label

Disigned for medical technology and biological laboratory.Applied to plastics, glass wares, glass slides, microwell plates, and meet any laboratory environment.

Ultra-sticky Blood Bag Label

Withstand low temperature at -40℃ and 145℃ high pressure steam disinfection, ETO sterilization. Without falling off happens in high speed centrifuge due to the ultra-sticky adhesive.Printable easily.

Tube and Vial Label

-196℃ / -80℃ / -40℃ low temperature label suitable for glass, tube and vial. Used with matching ribbon can resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.

Microwell Plate Label

-80℃ low temperature label suitable for freeze/thaw cycles and an autoclave of PP material. Used with matching ribbon can resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.

Glass Slide Label

This material suitable for everyday slide labeling. It can resistant to solvents such as xylene, DMSO, methanol, isopropyl alcohol, etc.

Laboratory Label

Laboratory Label has a wide range of application. Various materials, such as PET, PP, Thermal PP, PVC, nylon, etc. and different thickness may be chosen. The coating is white. The label can be exposed to -196℃ and high temperature, while it is stuck at best under the temperature of -5℃, -10℃ and -30℃. It is ultra-sticky, low temperature & water resistance, and environmentally-friendly.

Application

- Vials Label
- Label for plastic tubes exposed to -40℃
- Label for plastic centrifuge tubes exposed to -40℃
- Label for glass tubes exposed to -80℃
- Label for microwell plate exposed to -80℃
- Label for glass exposed to -196℃
- Label for glass slide exposed to chemical processing
- Various materials, different thickness
- Used at -196℃ ~ 150℃
- Extremely good printing and press effects
- Without falling off and deformation
- Excellent initial adhesion, and applicable to different temperature environment
- Water resistance, anti UV and plasticizer
- Resistant to solvent, biochemical solvent and UV light

Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
E-2532	White	PET	Acrylic	2mil	-40~150℃	Waterproof, resistance to chemical reagents with excellent initial adhesion, labeling temperature is -10℃
E-4813	White	PP	Acrylic	2mil	-196~120℃	Withstand low temperature to -80℃ and high temperature steam disinfection
E-3635(P02)	White	Nylon	Acrylic	5mil	-196~145℃	Withstand low temperature to -196℃ and high temperature steam disinfection
E-6333	Matte White	PE	Rubber	3.2mil	-196~110℃	Can be labeled in low temperature to -196℃ directly.

* More products are detailed in Product List.

Blood Bag Label

Capable of holding up at -40℃ and resistance to 145℃ retort, ETO sterilization. No falling-off happens in high speed centrifuge due to the enhanced adhesive. Products are easy to be printed and readable.

Characteristics and Advantages

- Material: PP, PAPER and PVC • Temperature: -10℃
- PVC blood bag label, applicable to high temperature sterilization
- Resistance to UV, water and plasticizer • excellent initial adhesion with double release liners
- Ultra-sticky adhesive, resistance to the low temperature & tear.

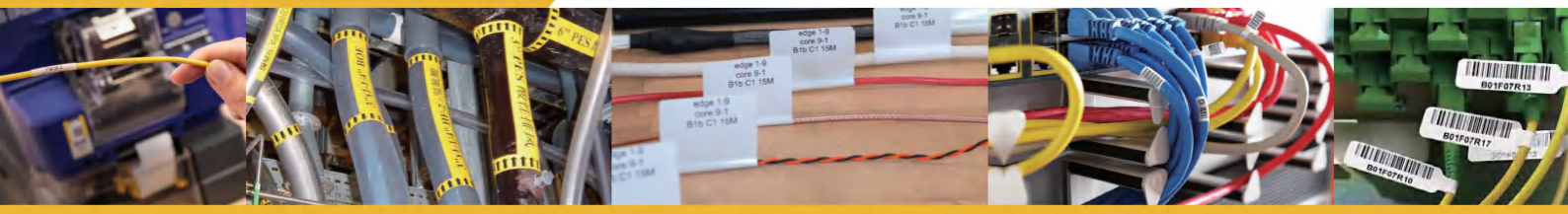
Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
E-4533	White	PP	Acrylic	3mil	-40~120℃	Environmental-friendly material, and waterproof with excellent initial adhesion, labeling temperature is -5℃ ~ RT
E-6833	White	PVC	Acrylic	3mil	-40~80℃	PVC blood bag label, resistance to plasticizing migration and suitable for high temperature sterilization

* More products are detailed in Product List.

Sample

E-2532 ER-4231 | E-4553 | E-4533 ER-1221 | E-4813 ER-1221 | E-6833 ER-1221

Power Communication



Power communication identification is specifically designed for thermal transfer, dot matrix and traditional printing capabilities. It could warp around irregular surfaces without curling or falling off and has proven to work stably in the relatively high temperature of an equipment room or outdoor harsh environment for a long term. Graphic or image on label won't be affected by environment temperature, humidity or oil. It can be used outdoor for 5~8 years, and also has caution function by colored on the different equipment.

Nylon winding Label

It has good flexibility with a permanent pressure sensitives acrylic adhesive, can be used on irregular surfaces without curling. Printable easily, suitable for hand writing with outstanding performance, halogen free.

PP Cable Flag Label

With a permanent pressure sensitives acrylic adhesive can laminate to itself as flag without curling and falling off. It provides excellent performance of weather resistance, anti-friction, UV, high temperature, water and humidity.

Transparent Self-covering Label

VINYL has good flexibility with ultra-sticky, has excellent performance of high temperature, UV, weather resistance. Suitable for caution label of winding mode.

Pipeline and Equipment Label

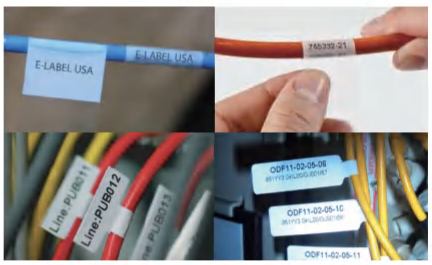
Used for electric pole, pipeline identification, outdoor cable, pallet management and other outdoor environments, with UV and weather resistance etc. performance for 5~8 years.

Anti-Tear Data-Plate Label

It can be printed with various traditional solvents and water-based inks, with good adhesion. It can resistant to friction, high temperature, high humidity, etc. and suitable for data-plates and assets.

Cable / Pipeline / Data Plate Label

The product has various materials like nylon, polyester, vinyl etc., and the topcoat nylon film with a permanent pressure sensitives acrylic adhesive is well used on irregular surfaces without curling; the topcoat VINYL / PP with a permanent pressure sensitives acrylic adhesive can laminate to itself as flag. It provides excellent performance of weather resistance, no curling and anti-friction, UV, high temperature, high humidity.



Application

- Electric power / Telecommunication / Cable /Asset Label
- Pipeline / Hardware / Cable
- Label for electronic circuit instructions
- Label for cable identification
- Label for electronics insulation materials
- Label for asset tracking
- Label for cable wrapping

Characteristics and Advantages

- Various materials, different thickness
- With global certification of REACH and ROHS
- Multiple printing capabilities with chemical resistance, halogen free and flame retardant
- With enhanced adhesive, it can laminate to itself, and can be used at -196℃~145℃
- It could be used to curved surface without falling off, deformation or curling
- Excellent weather resistance, anti-friction, anti-UV, high temperature and high humidity
- It is soft and elastic, and can wrap around and curve to round and other irregular surface

Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
XF-301	Matte White	NY	Acrylic	5mil	-196~145℃	Can be used on curved surface as flag label, halogen free
E-6034	Frosty clear	VINYL	Acrylic	4mil	-40~80℃	Ultra-sticky with excellent performance of weather resistance
E-6533	Colored	VINYL	Acrylic	3mil	-40~150℃	Various colors: yellow, blue, green, orange and red

* More products are detailed in Product List.

Specialized Colored Ribbon

Color	Black	White	Red	Blue	Green	Pink	Yellow
Part No.	ER-1221BL	ER-1221W	ER-1221R	ER-1221B	ER-1221G	ER-1221P	ER-1221Y

Outdoor / Pipeline / Caution Label

Can be used for thermal transfer, dot matrix and traditional printing capabilities and can wrap around irregular surfaces without curling or falling off and has proven to work stably in the relatively high temperature of an equipment room or outdoor harsh environment for a long term. Graphic or image on label won't be affected by environment temperature, humidity or oil, and also has caution function by various label colors on the different equipment.

Characteristics and Advantages

- VINYL film, can be used for 5~7 years outside • Colored labels
- Used for electric power industry, and also as caution label for pipeline and equipment
- It can laminate to itself with enhanced adhesive • Work stably in outdoor harsh environment for a long term
- Designed for thermal transfer printing and others printing
- Graphic or image on label won't be affected by environment temperature, humidity or oil
- Excellent performance of weather resistance, no curling and anti-friction, UV, high temperature, high humidity

Sample

Tire Belt

Designed for the tracking and management application in tyre production process, it could withstand harsh vulcanized environment. With specially processed coating and combination with the high temperature ink ribbon, the label could anti chemical reactions, acid and alkali, friction in the manufacturing process of tyres. The Rubber adhesive makes the label bound strongly with tyre after vulcanization process and realizes the large-scale automation application in automatic labeling machine.

Tyre Vulcanization Label

The vulcanized temperature could be up to 200℃ and it can be used before or after vulcanization with strong adhesive and friction resistance.

Belts Label

It could be used for belts, hoses, air springs and other rubber products. Print real-time variable data on the preprinted materials by thermal transfer printer.

Transfer Base Film

The film has different thickness, and withstand the high temperature up to 177℃. Could be used all belts of after vulcanization. Could also be used for air springs and rubber bladders;round mold vulcanization or segmented vulcanization.

Tyre Vulcanization Label

The label material is PET, with sticky Rubber adhesive and different thickness. The vulcanized temperature could be up to 200℃ and it can be used before or after vulcanization. Our product is high performance and cost-effective tyre vulcanization label with printable easily, which is no label fall-off with strong viscosity and friction resistance.

Characteristics and Advantages

- Various thickness
- It could resistance to water, acids and alkali, most oil stains, and low fat solvent.
- The adhesive could penetrate into rough side, and has excellent tack, could realize firm affixion.
- The temperature could be up to 200℃, and short-time curing temperature could be even higher.
- It could be used before or after vulcanization.
- It is printed easily, it can keep high recognition of rate about barcode and information after vulcanization.

Product	Coating	Material	Adhesive	Thickness	Temperature Resistance	Characteristics
TS1100P	White	PET	Rubber	4mil	200℃/50min	High performance, cost-effective, printable easily
E-2315	White	PET	Rubber	5mil	-40℃-200℃	Ultra-sticky with high performance
E-2314	White	PET	Rubber	4mil	-40℃-200℃	Tyre Label Ultra-sticky with high performance

* More products are detailed in Product List.

Belt Label

It could be used for belts, hoses, air springs and other rubber products. Print real-time variable data on the preprinted materials by thermal transfer printer, and then transfer to rubber materials through thermal transfer and pressure transfer. The identifications can be transferred to rubber permanently with the heat and pressure from vulcanization. After vulcanization, used different colors to further distinguish the types and production lines of product, which can provide efficient product management solutions for enterprises of belt and rubber.

Characteristics and Advantages

- Multi-colors • It could be used before or after vulcanization
- Used for EPDM and Neoprene rubber • Low temperature printing
- Can realize print real-time variable data on the preprinted materials
- It is printed easily, it can keep high recognition of rate about barcode and information after vulcanization.

Product	Thickness	Before vulcanization	After vulcanization	Temperature Resistance	Characteristics
B-22.1	51u		√	Max.160℃	Used for automobile timing belt and other belts after vulcanization
C-11.1	38u	√		Max.177℃	Used for EPDM and Neoprene rubber belts
C-11.4	38u	√		Max.177℃	Used for EPDM belts
C-13.1	76u	√		Max.177℃	Used for air springs and rubber bladders
C-13.2	76u	√		Max.177℃	Used for round mold vulcanization or segmented vulcanization

* Storage at TEMP 21℃±6℃, RH 50%, and more products are detailed in Product List.

Sample

TS978P TR612

TS1100P TR612

E-2314 TR612

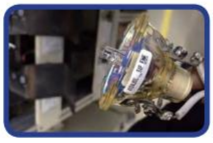
E-2315 TR612

Ceramic Sanitary Ware

Glass / Ceramic / Sanitary Label is designed for the identification and management of ceramics, glass, lamp, steel and auto-hub. After permanent curing, the label and image have excellent friction resistance and can withstand high temperature up to 1300℃.

Sanitary Ceramic Label

Sanitary ceramic label suitable for identification and management of metal, ceramic product with permanent friction resistance.



Glass / Lamp Label

It can be used on the surface of lamp and other glass products.
It can withstand harsh production environment.
Permanent friction resistance.

High TEMP Auto-hub Label

Application widely, withstand high temperature up to 1300℃ with excellent friction resistance.
Printable easily.

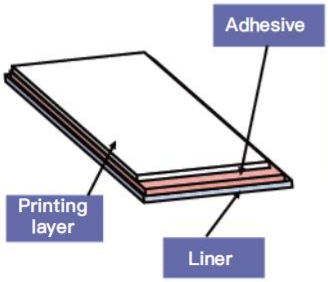
Sanitary Ceramic Label

Sanitary ceramic label suitable for identification and management of metal, ceramic product. At the high temperature of 300℃, it is cured permanently in 30min and can withstand high temperature up to 1300℃. It also offers excellent performance of washable and scratch resistance.

Characteristics and Advantages

- Coating: clear, white • Extremely good printing
- At the high temperature of 300℃, it is cured permanently in 30min and can withstand high temperature up to 1300℃
- Can be used for the surface of ceramics, glass and lamps • Permanent resistant to friction and scratch
- Can withstand harsh environment in ceramics, sanitary and glass production process
- Excellent performance and super high temperature resistance • Material: Inorganic
- It could resistant to water, acid, alkali, oil stains and low fat solvent.

Material Structure



Should be heated start from Room Temperature

After heat treatment, the surface of label becomes super durable

On-site printing by thermal transfer printer

Operation Guide

Step 1
Put the label into water and peel the liner off.
The label will curl up in the water. After a while, water will penetrate into the label, and the label can be peeled off in 5-10s.

Step 2
Using labels, one side of the label must be pasted to the object, then the label must be pasted by sliding slowly to avoid wrinkles and air entering the label.
If there is air bubble under the label, the label might by removed easily.

Step 3
Finished

Product	Coating	Material	Thickness	Temperature Resistance	Characteristics
HP-CBR-CX1	White	Inorganic	5u	1300℃	High performance of resistant to high temperature and friction
HP-CBR-CX2	White	Inorganic	5u	1300℃	Has adhesive and liner
HP-CBR-CX7	Transparent	Inorganic	5u	1300℃	Scratch resistance, labeled on the glaze
HP-CBR-CX10	Transparent	Inorganic	5u	1300℃	Temperature rise fast, low temperature curing, has adhesive and liner
HP-CBR-CX11	Transparent	Inorganic	5u	1300℃	Printable easily, paper as liner

Auto-hub Label

HP-CBR-CX2 is designed as Auto-hub label. It has a wide range of application with excellent friction and printing capabilities. It can withstand high temperature up to 1280℃.

Sample

HP-CBR-CX1 YS4

HP-CBR-CX2 YS4

HP-CBR-CX7 YS4

HP-CBR-CX10 YS4

HP-CBR-CX10 YS4

High-performance heat-resistant label material(UL certified)

product	Coated Substrate/ Adhesive	Thickness	Reflow Soldering	wave soldering	Heat resistant	Features and Applications	Certification mark allow
XF-581	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~350°C	easy to print, print	
XF-583	White matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~350°C	washable	
XF-582	White glossy PI/Acrylic	2mil	√	√	-40~350℃	easy to print, print	
XF-584	White matte PI/Acrylic	2mil	√	√	-40~350℃	washable	
XF-500	Yellow glossy PI/Acrylic	1mil	√	The bottom needs to be tested	-40~287℃	color label	
XF-505	Green matte PI/Acrylic	1mil	√	The bottom needs to be tested	-40~287℃	green label	
XF-511	Black matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~350°C	Elegant black,printed in reverse	
XF-592	White glossy PI/Acrylic White PI/Acrylic	2mil	√	√	-40~350℃	Super sticky adhesive, oil resistant	
XF-616		0.5mil	√	The bottom needs to be tested	at -40~300°C	ultrathin	
XF-731	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested at -40~350℃		Super durable coating, excellent wear resistance	
XF-732	White glossy PI/Acrylic	2mil	√	√	-40~350℃	super durable coating, excellent wear resistance	

Economical high temperature resistant label material (UL listed)

product	Coated Substrate/ Adhesive	Thickness	Reflow Soldering	wave soldering	Heat resistant	Features and Applications	Certification standards
XF-531	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~350°C	Stable temperature resistance and printing performance	
XF-533	White matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~350°C	Stable temperature resistance and printing performance	
XF-532	White glossy PI/Acrylic	2mil	√	√	-40~350℃	Stable temperature resistance and printing performance	
XF-534	White matte PI/Acrylic	2mil	√	√	-40~350℃	Stable temperature resistance and printing performance	

Low cost high temperature resistant label material

product	Coated Substrate/ Adhesive	Thickness	Reflow Soldering	wave soldering	Heat resistant	Features and Applications	
E-8511	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~305°C	Ultra-fine printing, automatic labeling	
E-8511TT	White glossy PI/Acrylic	1mil	√	The bottom of the paste needs to be tested	at -40~305°C	Scratch resistance, hard coating touchable fixture	
E-8512	White glossy PI/Acrylic	2mil	√	√	-40~305°C	Ultra-fine printing, automatic labeling	
E-8512TT	White glossy PI/Acrylic	2mil	√	√	-40~305°C	Scratch resistant, hard coating, touchable fixture	
E-8531	White matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~300°C	Ultra-fine printing, automatic labeling	
E-8531B	Black matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~300°C	Ultra-fine printing, automatic labeling	
E-8532	White matte PI/Acrylic	2mil	√	√	-40~305°C	Ultra-fine printing, automatic labeling	
E-8532TT	White matte PI/Acrylic	2mil	√	√	-40~305°C	Scratch resistant, hard coating, touchable fixture	
E-8611	White matte PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~305°C	Others leave no residual glue,good temperature resistance	
E-8632S	White matte PI/Silicon	2mil	√	√	-40~350°C	No residual glue,can be pasted repeatedly, good temperature resistance	
E-8811	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~300°C	Ultra-fine printing, strong adhesion	
E-8812	White glossy PI/Acrylic	2mil	√	√	-40~300°C	Ultra-fine printing, strong adhesion	

High-performance anti-static label material (according to UL certification)

product	Coated Substrate/ Adhesive	Thickness	Reflow Soldering	wave soldering	Heat resistant	Features and Applications	Certification standards
XF-781	White glossy PI/Acrylic	1mil	√	The bottom needs to be tested	at -40~300°C	Antistatic, ℃108 ℃℃10n ℃	
XF-782	White glossy PI/Acrylic	2mil	√	√	-40~300°C	Antistatic, ℃108 ℃℃10n ℃	
XF-784	White matte PI/Acrylic	1mil	√	√	-40~300°C	Antistatic, ℃108 ℃℃10n ℃	
XF-446	White glossy PET/Acrylic	2mil	√		-40~204°C	Antistatic, ℃106 ℃℃109 ℃	
XF-511	Black matte PI/Acrylic	1mil	√		-40~300°C	Antistatic, ℃104 ℃℃106 ℃	

Low cost anti-static high temperature resistant label material

product	Coated Substrate/ Adhesive	Thickness	Reflow Soldering	wave soldering	Heat resistant	Features and Applications	Certification standards
E-2712	White PET/Acrylic White PI/	2mil	√	√	-40~180°C	Antistatic,high temperature resistance,high cost performance	
E-8731	Acrylic White PI/Acrylic	1mil	√	√	-40~300°C	Antistatic,high temperature resistance,high cost performance	
E-8732		2mil	√	√	-40~300°C	Antistatic,high temperature resistance,high cost performance	
E-8732W	White PI/Acrylic	2mil	√	√	-40~300°C	antistatic, textured bottom, high cost performance	

Battery Flame Retardant Label Material

product	Coating Substrate/ Back Adhesive	Thickness	Temperature Resistance	Features and Applications	Certification standards

XF-603 white semi-gloss PI/Acrylic	1mil	-40~300℃	UL94VTM-0, Adhesive, Halogen Free	
XF-611 White semi-gloss PET/Acrylic	1.5mil	-40~150℃	UL94VTM-0, Adhesive, Halogen Free	

Auto Parts Label and Hang Tag Materials

product	Coating Substrate/ Adhesive	Thickness	Heat resistant	Features and Applications
E-1836 White Matte	Paper/ Acrylic	4mil	-40~200°C	Super viscous, stable performance, high temperature resistance, wide application
E-2812	White PET/Acrylic White PET/	2mil	-40~150°C	Strong adhesion, stable performance, oil-proof, waterproof
E-2813	Acrylic Silver PET/Acrylic	2mil	-40~200°C	Super viscous, chemical resistance, moisture resistance, dirt resistance and excellent surface strength, suitable for hardware devices
E-2823		2mil	-40~200°C	Strong adhesion, chemical resistance, moisture resistance, dirt resistance and excellent surface strength
E-2814	White PET/Acrylic	4mil	-40~200°C	Super viscous, weather resistance, excellent dielectric properties, attached to the frame, accessories
E-2832 White matte	PET/Acrylic	2mil	-40~180°C	Super viscous printable PET with excellent chemical resistance
E-2833 White matte	PET/Acrylic	2mil	-40~150°C	super viscous and printable PET, excellent chemical resistance, blue glue, attached to non-woven fabrics, fabrics
E-2512 White glossy	PET/Acrylic	2mil	-40~150°C	Chemical resistance, moisture resistance, dirt resistance and excellent surface strength, economical
E-2532	White PET/Acrylic	2mil	-40~150°C	Resistant to chemicals, moisture, dirt and excellent surface strength
E-2512W	White PET/Acrylic White PET/	2mil	-40~150°C	High temperature resistance, chemical resistance, moisture resistance, dirt resistance and self-draining foam backing paper, suitable for power batteries
E-4834	Acrylic	4mil	-50~150°C	Surface can be attached
E-2311	White PET/Rubber	1mil	-25~50°C	Strong initial viscosity high temperature resistance chemical resistance dirt resistance waterproof suitable for CNC machine tools
XF-301	WhiteNY/ Acrylic	5mil	-196~145°C	Excellent Weather Resistance UL Listed Cable Labels, Halogen Free
E-8812	White PI/Acrylic	2mil	-40~300°C	High temperature resistance, oil resistance, dirt resistance, super stickiness, stick to the engine
TS955 White matte	PET/Acrylic	2mil	-40~150°C	Low surface energy, equipped with carbon ribbon, resistant to xylene, various brake fluids and lubricating fluids
HP-171	White AL/Acrylic	2mil	-40~350°C	Excellent high temperature resistance, stable performance, exhaust pipe label
HP-CBR CX2 White	Inorganic	5u	1300°C	Ultra-high temperature resistant, scratch-resistant adhesive backing, backed paper, pasted on wheels, light bulbs, accessories
HP-CBR TAG White	Stainless steel	15mil	1300°C	Hang tag, super high temperature resistance, can be used for open flame calcination, can be customized
HP-L90 White (double sided)	Stainless Steel	2mil	1300°C	Hang tag, super high temperature resistance, can be used for open flame calcination
G55	White Stainless Steel	1mil	1200°C	Hang tag, anti-carbon deposition, can be used for open flame calcination
E-2532BL/ SL Black/Silver	PET/Acrylic	2mil	-40~180°C	Laser label, high temperature resistant, halogen free
E-2112 White glossy	PET/Silicon	2mil	-20~100°C	Airbag label, attachable rubber surface, silicon surface
E-2132 White matte	PET/Silicon	3.2mil	-40~80°C	Suitable for heavy silicon surfaces: airbags, silicon rods, silicon products

High temperature resistant steel label material

product	Coated Substrate/ Adhesive	Thickness	Backing Paper	Labeling Temperature	Heat resistant	Features and Applications
E-1836 White Matt	Paper/ Acrylic	4mil	Glassine	Normal temperature -200°C	-40~200°C	Medium and thick plate side edge, medium and low temperature treatment, super sticky
E-2311	White PET/Rubber	1mil	Glassine	Room temperature~50°C	-25~50°C	High performance, super sticky glue, strong initial adhesion, waterproof
E-2813	White PET/Acrylic	2mil	Glassine	Normal temperature-200°C	-40~200°C	Chemical resistance, moisture resistance, dirt resistance and excellent surface strength
E-2814	White PET/Acrylic	4mil	Glassine	Normal temperature -180°C	-40~200°C	Super sticky oil-proof, waterproof
E-8611S White glossy	PI/Silicon	1mil	Glassine	Normal temperature-250°C	-40~200°C	No residual glue, can be pasted repeatedly good temperature resistance, can be used for aluminum
E-8632S White matte	PI/Silicon	2mil	Glassine	Normal temperature~250°C	-40~200°C	No residual glue, can be pasted repeatedly good temperature resistance
HP-120S White glossy	AL/Acrylic White AL/Acrylic	2mil	Glassine	Normal temperature~280°C	-40~300°C	Excellent coating technology, easy to print, high cost performance
HP-171		2mil	Paper	Normal temperature~300°C	-40~350°C	Medium and thick plate side edge, medium and low temperature treatment, super sticky
HP-355	White AL/Silicon	2mil	PET	Room temperature -400°C	-40~600°C	Strong adhesion, suitable for all kinds of rough and textured surfaces
HP-360	White AL/Silicon	2mil	PET	Room temperature-400°C	-40~600°C	Double-layer glue, excellent thermal paste effect, round rod, suitable for automobile molds
HP-370	White AL/Silicon	2mil	PET	Room temperature~200°C	-40~600°C	It is suitable for heat treatment such as quenching annealing
HP-600	White AL/Silicon	80u	/	250-600°C/ 5S	-40~600°C	billet, continuous casting, plate, round billet off-line hot labeling
HP-700	White Brass/Silicon	60u	/	450-800°C/5S	-40~800°C	Bloom, continuous casting, billet off-line extreme high temperature conditions hot labeling
HP-900	White Nickel/Silicon	1mil	/	450-900°C/ 5S	-40~900°C	Thick plate, thermal labeling under extreme high temperature conditions
HP-CBR CX2 White	Inorganic	5u	PET	room temperature	1300°C	Permanently bonded for unrivaled high temperature resistance

High temperature resistant steel tag

product	coating	Material	thickness and heat resistance		Features and Applications
E-112	White	P/T/P	8mil	-40~180°C	cost-effective
E-239	White	PET	9mil	-40~180°C	cost-effective

HP-T40 white (double-sided)	P.I.	5mil	-40~400°C		Economical and stable high temperature resistant tag, resistant to strong acid and alkali
E-884 white (double sided)	P.I.	6mil	-40~400°C		Scratch resistance, high temperature tag resistance, strong acid and alkali resistance, discoloration resistance
HP-M83	White Stainless Steel	2mil	-40~850°C		Economical and stable high temperature resistant tag, resistant to strong acid and alkali
HP-X82	White Stainless Steel	2mil	-40~1000°C		Pickling resistant, suitable for heat treatment
HP-L80 White (double sided)	Stainless Steel	2mil	-40~1000°C		Acid wash resistant, open flame safe
HP-L85	White Stainless Steel	2mil	-40~1000°C		Cost effective and suitable for thermal spraying
HP-G55	White Stainless Steel	2mil	-40~1200°C		Excellent chemical resistance, especially suitable for galvanizing process
HP-L90 White (double sided)	Stainless Steel	2mil	-40~1300°C		Super high temperature resistance, open flame
HP-CBR Tag White	Stainless Steel	15mil	-40~1300°C		Super high temperature resistance, open flame, for anaerobic heating

Heat treatment control label material

product	Coated Substrate/	Adhesive	Thickness	Backing Paper	Labeling temperature	Heat resistant	Features and Applications
HP-X1912	White Nickel/	Silicon	1mil	Silicon	Room temperature~400°C	40~1000°C	Inorganic materials, can be directly labeled in high temperature environment
HP-430	White PI/	Silicon	1mil	transparent PET	Normal temperature~100°C	-40~300°C	Especially suitable for the glass industry, removable

laboratory label material

product	Coating Substrate/	Back Adhesive	Thickness	Temperature Resistance	Application Scenario	Features and Applications
E-2532 White	PET/	Acrylic	2mil	-40~150°C	Slide label	Water resistance, chemical resistance, good initial adhesion, labeling temperature 10°C
E-4513 White	PP/	Acrylic	2mil	-80~120°C	blood bag label, glass slide, test tube	water resistance, chemical resistance, good initial adhesion, labeling temperature -10°C
E-4813 White	PP/	Acrylic	2mil	-196~120°C	laboratory ultra-low temperature, vaccines, genes	can withstand -80°C low-temperature dry ice, and high-pressure steam sterilization
E-4533 White	PP/	Acrylic	3mil	-40~120°C	blood bag label, glass slide, test tube	Water-resistant and environmentally friendly material, good initial adhesion, labeling temperature 5°C RT (room temperature)
E-4553 White	PP/	Acrylic	3mil	-40~80°C	blood bag label, cylindrical small-bore bottle with arc, low-temperature	heat-sensitive; water-resistant, chemical-resistant, good initial adhesion
E-6833 White	PVC/	Acrylic	3mil	-40~130°C	Suitable for PVC blood bag labels	Low temperature resistance, UV resistance, water and plasticizer penetration, labeling temperature at room temperature
E-3635 White	NY/	Acrylic	5mil	-196~145°C	laboratory ultra-low temperature, vaccine, strong initial adhesion, soft material, can be attached to curved or irregular surfaces	
E-3635(P02) White	NY/	Acrylic	5mil	-196~145°C	laboratory ultra-low temperature, vaccines, genes	can withstand -196°C low-temperature liquid nitrogen, and high-pressure steam sterilization
E-6333 White matte	PE/	Rubber	3mil	-196~110°C	Laboratory ultra-low temperature, vaccine, gene	Can be directly labeled in -196°C liquid nitrogen environment
TS-502 White	PO		4mil	-40~130°C	Suitable for siliconized glass bottles	Water resistance, chemical resistance, good cohesion, low permeability

Blood bag label material

product	Coated Substrate/	Back Adhesive	Thickness	Labeling Temperature	Heat resistant	Features and Applications
E-4533	White PP/	Acrylic	3mil	-5°C RT (room temperature)	40~120°C	Good initial adhesion, environmental protection material, resistant to water and low temperature, non-stick gloves, no pollution
E-2531	White PET/	Acrylic	1mil	-30°C-RT (room temperature)	-80~130°C	The material is soft, resistant to high temperature cooking, can be steamed and sterilized, leaving no residual glue
E-6833	White PVC/	Acrylic	3mil	-10°C	-40~130°C	PVC blood bag label, resistant to plasticizer migration, suitable for retort sterilization

Transfer Film Substrate

product	Thickness before vulcanization	Temperature resistance after vulcanization	Features	Features and Applications
C-11.9	4.5u	√	up to 177°C	For EPDM, neoprene belt High performance, cost-effective, easy to print

Ribbon and transfer substrate matching table

Substrate	Ribbon						
	DR2 611 Black	DR1 616 White	DR2 523 Color	DR1 633 White	DR1 639 White	DR1 648 White	DR2 660 Color	DR1 699 Yellow
B-22.1		√	√		√		√	√
C-11.1		O	√	√		√	O	√
C-11.4	√	√	√	√		√	√	√
C-13.1		√	×	√			×	
C-13.2		√	√	√	O	√		√

√- Ribbon base material matches, printing is clear X - Ribbon base material does not match, printing is not clear O - Printing has slight flaws, need to test blank - not tested

Disclaimer: This match sheet is for reference only. Actual matches may vary. Before purchasing belt label materials, users must confirm the compatibility of the ribbon and the material

tire vulcanization label material

product	Coated substrate/	adhesive	backing paper thickness	Bonding before and after the furnace	Heat resistant	Features and Applications
TS978P	White PET/	Rubber	PET 4mil	√	200°C/ 50min	High performance, cost-effective, easy to print
TS1100P	White PET/	Rubber	PET 4mil	√	200°C 50min	Excellent coating, chemical corrosion resistance, friction resistance

E-2311	White	PET/Rubber Glassine	1mil	√	-25°C~50°C	High performance, super sticky glue
E-2314	White	PET/Rubber Glassine	4mil	√	-40℃-200℃	High performance, super sticky glue
E-2315	White	PET/Rubber Glassine	5mil	√	-40℃-200℃	High performance, super sticky glue

belt label ribbon

product	wax base	mixed base	layers	Features and Applications
DR2 611	√		black	For belts other than black, low temperature print
DR1 616	√		White	Compared with 633 white ribbon, it has higher friction resistance
DR2 623	√		multiple colour	Mainly used after vulcanization
DR1 633	√	√	White	For EPDM, Neoprene, low temperature printing
DR1 639	√		White	Mainly used after vulcanization
DR2 648	√		White	Ink hiding power is better than 623 series
DR2 660	√		multiple colour	For belts other than black, low temperature print
DR1 669	√		yellow	Cost-effective for specific applications

Nylon cloth wrap label material

product	Coating	Substrate/Adhesive	Thickness	Temperature Resistance	Features and Applications	Certification
XF-300	White matte	NY/Acrylic	5mil	-196~145°C	Attaches to curved surfaces, can be used as a flag, halogen free	
XF-301	White matte	NY/Acrylic	5mil	-196~145°C	Attaches to curved surfaces, can be used as a flag, halogen free	
XF-302	White matte	NY/Acrylic	5mil	-196~145°C	cost-effective	
E-3635	White	NY/Acrylic	5mil	-196~145°C	Power cable identification, circuit description, asset tracking, manufacturing process control	

Opposite Cable Flagging Material

product	Coating	Substrate/Adhesive	Thickness	Temperature Resistance	Features and Applications	Certification
E-2931	White matte	PET/Acrylic	1mil	-40~150°C	UL94VTM-0 Adhesive, Halogen Free	
E-2932	White matte	PET/Acrylic	2mil	-40~150°C	UL94VTM-0, Adhesive, HalogenFree	
E-6032	Transparent	PO/Acrylic	2mil	-40~120°C	Heat-labile self-laminating label for wrap-around	
E-6034	Transparent matte	VINYL/Acrylic	4mil	-40~120°C	Strong adhesion, excellent weather resistance	
E-4532	White matte	PP/Acrylic	2mil	-40~120°C	Solvent Resistant, Halogen Free, Tear Resistant	

VINYL self- laminating label material

product	Coating	Substrate/ Back Adhesive	Thickness	Temperature Resistance	Features and Applications	
E-6034	Transparent matte	VINYL/Acrylic 4mil		-40~150°C	Strong adhesion, excellent weather resistance	
E-6032	Transparent	VINYL/Acrylic	2mil	-40~150°C	Transparent flame retardant material, suitable for wrapping	

Plumbing Equipment Labeling Materials

product	Coating	Substrate/ Back Adhesive	Thickness	Temperature Resistance	Features and Applications	
E-6534	White	VINYL/Acrylic 4mil		-40~150°C	Soft and ductile, UV resistant, weather resistant, suitable for pallet pipes	
E-6533Y/B/G/O/R	Color	VINYL/Acrylic	3mil	-40~150°C	Can be used outdoors for 5-8 years	

Nameplate label material

product	Coating	Substrate/ Back Adhesive	Thickness	Temperature Resistance	Features and Applications	
E-2512	White glossy	PET/Acrylic	2mil	-40~150°C	Fixed asset label material, tear resistant	
E-2522	Silver matte	PET/Acrylic	2mil	-40~150°C	Fixed asset label material, tear resistant	
HP-120S	White glossy	AL/Acrylic	2mil	-40~300°C	Excellent coating technology, easy to print, high cost performance	

Sanitary ceramic barcode label material

product	coating	Substrate	thickness	temperature resistance	Features and Applications
HP-CBR-CX1	White	Inorganic	5u	1300°C	Excellent temperature resistance and friction resistance
HP-CBR-CX2	White	Inorganic	5u	1300°C	With adhesive backing and backing paper
HP-CBR-CX7	Transparent	Inorganic	5u	1300°C	Scratch-resistant, attached to the glaze
HP-CBR-CX10	Transparent	Inorganic	5u	1300°C	Fast heating, low temperature curing, with adhesive backing and backing paper
HP-CBR-CX11	Transparent	Inorganic	5u	1300°C	Easy to print, backing paper

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