



Flexible Customization & Fast Delivery for Brands since 2006



# GRS hot product series recommendation & GRS most comprehensive explanation

Ten years ago, environmental protection was a concept

Five years ago, environmental protection was a point of view

Today, environmental protection is the starting line

No environmental protection has not yet begun



PHONE  
手机壳



EARPHONE  
耳机壳



TABLET  
平板套



LAPTOP  
电脑套



WATCH  
表带






If you want to create a green brand image, the following data must be known

**400  
million**

About 400 million tons of plastic waste are generated globally each year



**937  
million**

By 2050, there may be 937 million tons of plastic waste in the oceans



**9%**

Only 9 percent of all plastic produced is recycled



**4.5%**

Plastics have a global carbon footprint of 4.5% of the world



# Humans have entered the era of "plastic eating"

Based on a new WWF study commissioned to the University of Newcastle, Australia, people ingest roughly 2,000 pieces of microplastic each week through air, in food, but mostly in water.

That's the equivalent of 5 grams a day, 21 grams a week or more than 250 grams per year.



**Every bite of food that goes into your mouth**

**Every breath of air you breathe**

**There are tiny particles of plastic**



It took you  
approximately

1 WEEK

to eat this  
credit card





It took  
you up to  
**3 WEEKS**  
to eat this  
comb

Tiny bits of plastic are in our food, water and air.  
Find out how much plastic you eat at

[YOUR PLASTIC DIET.ORG](http://YOURPLASTICDIET.ORG)





## More pollution problems due to the epidemic

Disposable epidemic prevention supplies and disinfection supplies that every household needs to use are made of plastic as the main material, thus bringing more plastic waste.



Disposable medical masks



Disposable gloves



Disposable protective clothing



Disinfection wipes



# In 2022, various international plastics policies are released



Global environmental protection has become a trend, mainstream brands are starting to use new materials, increasing plastic recycling, reducing plastic pollution and moving towards sustainability.



Adidas announced the full use of **recycled polyester** by 2024.

The ZARA logo, featuring the word "ZARA" in a white serif font, is displayed on a black background.

Zara announces full use of **recycled sustainable materials** by 2025.

The H&amp;M logo, featuring the letters "H&amp;M" in a white stylized font, is displayed on a black background.

H&M announces full use of **100% recycled materials** by 2030.

The LIDL logo, featuring the word "LIDL" in a white stylized font with a red dot above the 'i', is displayed on a black background.

Lidl announces **100% recycled plastic bottles** for all of its own brands by 2025.

The IKEA logo, featuring the word "IKEA" in a white bold sans-serif font, is displayed on a black background.

Ikea pledges to use only **recycled materials** in all of its products by 2030.



Apple promises to end mining and use **100% recycled materials** in its products.



## Plastic Alternatives - GRS Recyclable Materials

It allows plastics and other waste to be recycled again, eliminating excessive exploitation of resources and reducing environmental pollution.

### Pre-consumer



Materials diverted from the waste stream during the manufacturing process. Exclude the reuse of certain materials, such as rework, regrind, or residuals that are created in processing and will be reused in the same process. That is, materials that are recycled without being consumed by consumers.

### After consumption



Materials generated by households or commercial, industrial and institutional facilities as users of the final product that cannot be reused for their intended use. Includes materials recovered from the distribution chain. That is, materials that are recycled after consumption by the consumer.

# What is GRS certification?

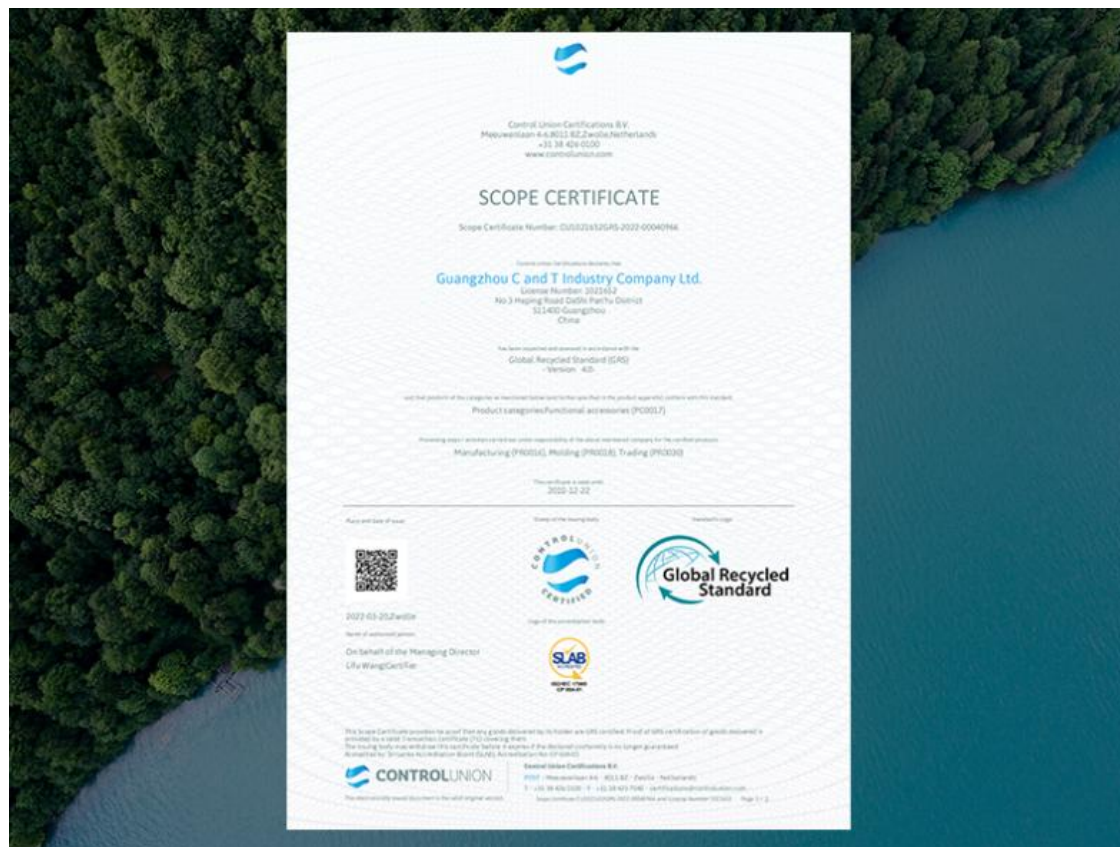
Global Recycled Standard (GRS) is an international, voluntary and comprehensive product standard that specifies third-party certification requirements for recycling content, chain of custody, social and environmental practices, and chemical restrictions.

GRS aims to increase the use of recycled materials in products, and to reduce the use of final products or semi-finished products containing recycled components. Currently, the certification is mainly concentrated in textile and garment enterprises, such as recycled bottle flakes, recycled polyester filaments, recycled polyester short-term yarns, recycled fabrics, re-formed garments, etc.





# Our company passed the international GRS certification in 2018



## ✓ Leading industry

Its own factory passed EIA certification in 2017 and became the first company in China's 3C industry to obtain GRS certification in 2018.

## ✓ Application for certification

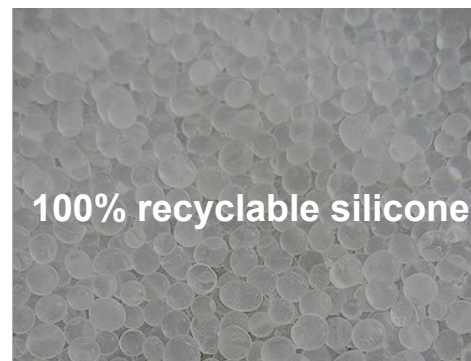
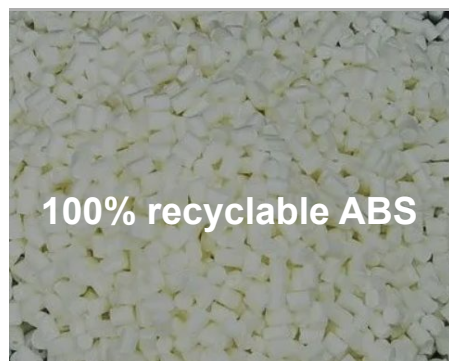
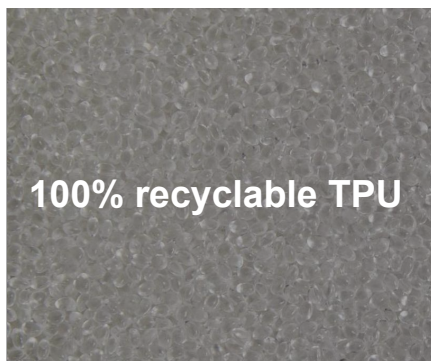
C&T's sustainable products can apply for complete degradation certification, bio based certification or other valid certification.

## ✓ Environmental protection signs

C&T's sustainable products can be marked with an identifiable sustainability certification mark on the packaging to help your enterprise establish a green, low-carbon and sustainable image.



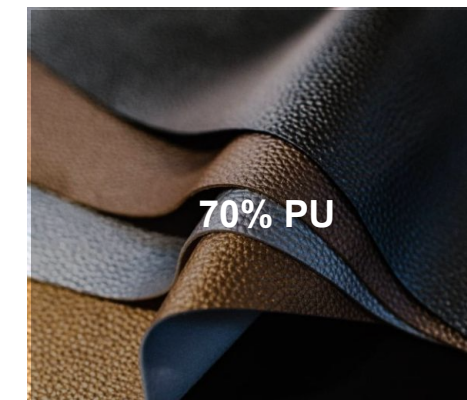
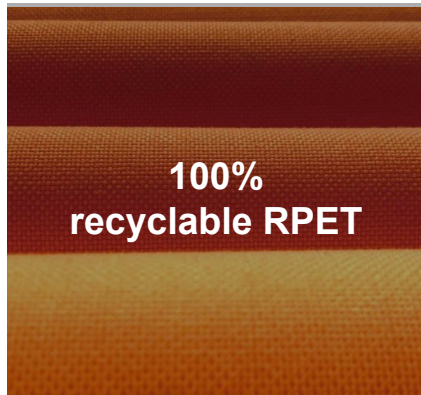
# Existing GRS-certified materials - Plastic



Made from recycled waste silicone  
Rarely seen in the market, we are the early start to do



# Existing GRS-certified materials - Fabric/leather



# Existing GRS-certified materials -Accessories





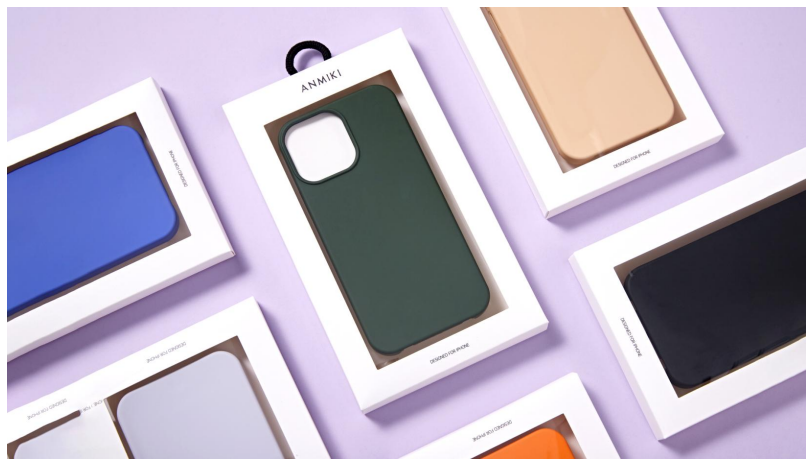
# Existing GRS-certified materials -Packaging



100% PE bags

100% recyclable carton

50% plastic box



# Product Type Application



Phone Case / Ipad Case / AirPods Case  
Macbook case / iwatch Strap

## 20%

Recovery ratio of more than 20% can open TC certificate

## 50%

GRS tag/label can be used if the recycling rate exceeds 50%

## 20%-100%

GRS environmental ratio 20%-100% Support customization



# TC — TRANSACTION CERTIFICATE

## will be issue along with purchase order.

- TC for material processed according to the Global Recycle Standard(GRS).
- TC to prove the goods with recycle material.
- Manufacturer with GRS to apply the TC for clients who buy the GRS products.



TRANSACTION CERTIFICATE (TC) FOR TEXTILE PROCESSED ACCORDING TO THE GLOBAL RECYCLING STANDARD (GRS)  
Transaction Certificate Number: 1021652/01597171

<b>1a. Body issuing the certificate:</b> Control Union Certifications B.V. Meeuwenlaan 4-6 8011 BZ Zwolle Netherlands <b>1b. Licensing code of the certification body:</b> GRS-CUC-02	<b>2. Input information:</b> <b>2a. Reference number of the input transaction certificate:</b> TC_01100839-GRS				
<b>3. Seller of the product(s):</b> <b>3a. Name of seller of certified product(s):</b> Guangzhou C and T Industry Company Ltd. No.3 Heping Road DaShi PanYu District 511400 Guangzhou China <b>3b. License number of seller:</b> 1021652	<b>4. Inspection body:</b> Control Union Certifications B.V. Meeuwenlaan 4-6 8011 BZ Zwolle Netherlands				
<b>5. Last processor of the product(s):</b> <b>5a. Name of last processor of certified product(s):</b> Guangzhou C and T Industry Company Ltd. No.3 Heping Road DaShi PanYu District 511400 Guangzhou China <b>5b. License number of last processor:</b> N/A	<b>6. Country of dispatch:</b> China				
<b>10. Product and shipment information:</b> Information is presented in box 12 of this TC	<table border="1"> <tr> <td><b>11. Gross weight (kg):</b> 130.70</td> <td><b>12. Net weight (kg):</b> 118.52</td> </tr> <tr> <td colspan="2"><b>13. Certified weight (kg):</b> Total 118.52</td> </tr> </table>	<b>11. Gross weight (kg):</b> 130.70	<b>12. Net weight (kg):</b> 118.52	<b>13. Certified weight (kg):</b> Total 118.52	
<b>11. Gross weight (kg):</b> 130.70	<b>12. Net weight (kg):</b> 118.52				
<b>13. Certified weight (kg):</b> Total 118.52					

**14. Declaration of the body issuing the certificate:**  
This is to certify that, based on the relevant documentation provided by the seller named in box 3, (i) the Recycled Material used for the products as further detailed / referred to in box 20 and quantified in box 11, 12 and 13 has been produced in accordance with the Global Recycled Standard (GRS). Consistently with the standard it is audited and monitored systematically under responsibility of the certification body named in box 1.

**15. Additional declaration:**  
 Reference number of the certificate: 1021652/01597171

**16. Place and date of issue:**  
 Zwolle, 2022-03-03





**This electronically issued document is the valid original version.**  
 On behalf of the Managing Director  
 LPU Wang, Controller

This electronically issued document is the valid original version. Please scan the QR code to verify the integrity of this document. In case of possible hacking, the QR code of this certificate should always link to a website with the following content: Control Union, if the QR code points to any other website, the certificate is forged.



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 T: +31 36 436 0100 - F: +31 36 436 7040 - [certifications@controlunion.com](mailto:certifications@controlunion.com)  
 Transaction Certificate Number: 1021652/01597171 - License Number: 0410002 - 2002-01-01

Page: 1 / 3



# Why should you make products with GRS certification?

## Global Recognition

Environmentally friendly materials are supported by relevant certificates, gaining global recognition, making it easier to enter the international market and attract more attention.

## Follow international policies

Comply with the requirements of the national plastic ban policy; reduce the harmful effects of production on people and the environment, and realize the improvement of our own brand.

## Improve product transparency

GRS products with standard recycled material content labels will be the first choice of consumers, in line with their consumer expectations.

## Enhance brand image

The use of GRS materials and the development of GRS products help to enhance the market competitiveness of "green" and "environmental protection" of enterprises.



# Additional questions about GRS products.

## 1、 Access conditions for GRS?

The proportion of recycled content (by weight) of the product is greater than 20%; the proportion of recycled content of RCS products is greater than 5%.

## 2、 The use of GRS logo?

Products with more than 50% recycled content can hang the logo with GRS logo. Of course, if you need to use on business cards or other publicity is no 50% limit requirements.

## 3、 What are the aspects of GRS certification for factory audits?

Four major modules.

1. GRS traceability system to ensure that data such as recycling requirements and proportional accounting meet the requirements.
2. labor standards, employee health and safety, wages and hours and other management systems in line with the code of conduct for social responsibility.
3. the management of chemicals used in the production of GRS products meets the relevant requirements.
4. whether the company has an environmental management system, and whether the use of energy, water, waste water and waste gas are effectively controlled.

All our factories have passed international audits, so we can cooperate with you with confidence.

## 4. Can we print our own brand logo on GRS products?

Yes, you can.





GRS hot product recommendation-Phone case



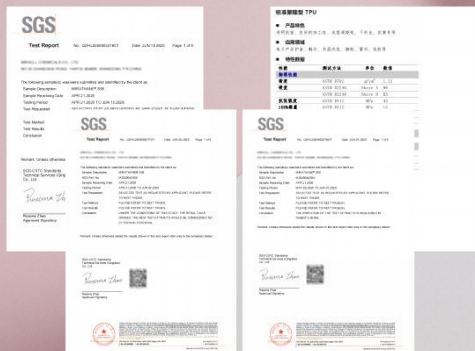


Recovery ratio **40%-50%**

Transmittance **2mm-4mm**

Light transmittance over **90%**

Yellowing resistance Grade **4**



**Complete certificate**  
anti-yellowing test / anti-bacterial  
test / chemical test





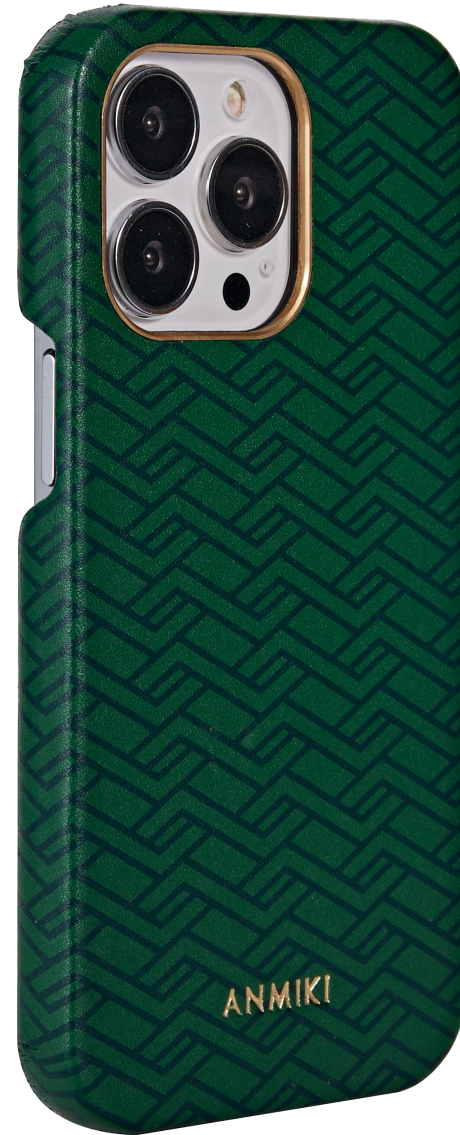




























# GRS hot product recommendation-AirPods case

















# GRS hot product recommendation-iPad case





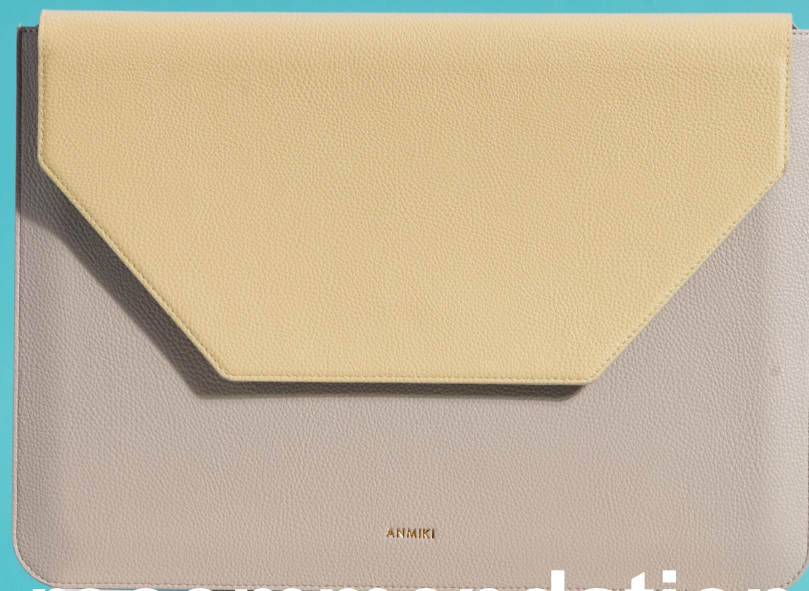


## PC+Leather design

The edge-to-edge gorgeous , features incredibly advanced technologies. which make everything feel responsive and look stunning. Quite simply, this combination of features makes it the world' s most advanced Protective case.







**GRS hot product recommendation-Macbook case**









# GRS hot product recommendation-iwatch Strap











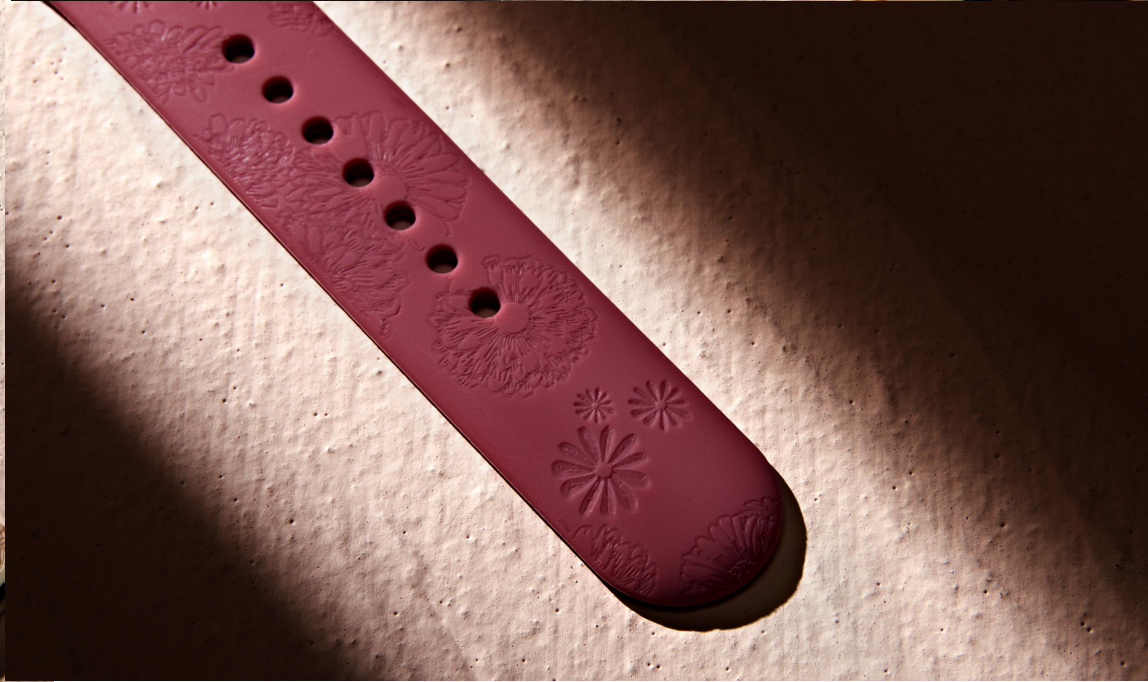














# Hey!

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