



REFLECTIVE MATERIAL CATALOGUE



ZHEJIANG CHINASTARS
NEW MATERIALS GROUP CO., LTD.

ABOUT CHINASTARS

Established in 2003, Chinastars is a Hangzhou based group of companies developing, manufacturing and marketing reflective materials and high visibility products. With decades of experience and focus on quality, value and service, Chinastars has become one of the largest producers of reflective fabrics and high visibility garments in China. We are engaged in providing global customers with professional, stable-quality and fashionable reflective products.

Our products are certified by accredited, independent third-party laboratories to ensure that our products meet the specified performance criteria imposed by the international standards: OEKO-TEX 100, EN ISO 20471, ANSI/ISEA 107, EN ISO 14116, EN ISO 11612, EN 469, NFPA 701, NFPA 2112, NFPA 1971, ASTM F 1506, CAN/CSA-Z96, AS/NZS 1906.4, ISO9001 & ISO14001 certificates.



**PROFESSIONAL
MANUFACTURER**

OF

**REFLECTIVE MATERIAL AND
SAFETY VEST IN CHINA**



WHY CHINASTARS



190+
PATENTS



800+
EMPLOYEES



40000m²
FACTORY AREA



100+
EXPORT COUNTRIES

CUSTOMERS FEEDBACK

“

This material is amazing and our customers love it. Will continue to purchase through this supplier because they have great communication and quick shipping / delivery.

”

“

The quality of product is seems on perfect, unfortunately we have no possibility to check every position right now. package is perfect, i was a little surprised by its weight. All goods are reflecting light very good!

”

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What makes CHINASTARS the best choice for your reflective products?

- Dedicating to the reflective material development & production since 2003.
- Certified quality by the third-party accredited labs.
- Providing professional supports to comply with the norms.
- Continuous technical innovation by the R&D team and close cooperation with Zhejiang University.
- Strictly implement the assured & traceable quality control systems.
- Over 80+ million sqm annual output ensures stable supply and fast delivery.
- Self-produced adhesives and strict quality control of raw material to ensure the best quality.
- Experienced international business operation and promised after-sales.

HIGH QUALITY REFLECTIVE FABRIC

Features

Ideal for light to medium weight, polyester and polyester blend fabrics, such as vests and limited use garments. Certified to EN 20471, ANSI 107, AS/NZS 1906, CSA-Z96.

| Item No. | Backing Fabric | Reflection | Domestic Washing | EN 20471/ ANSI 107 |
|------------|----------------|------------|------------------|--------------------|
| CSR-1303-1 | Poly | >250 | 15 | No |
| CSR-1303-2 | Poly | >330 | 25 | Yes |
| CSR-1303-3 | TC | >250 | 15 | No |
| CSR-1303-4 | TC | >330 | 25 | Yes |

* Width: any width from 1cm to 160cm.



CSR-1303-1



CSR-1303-2



CSR-1303-3



CSR-1303-4

ECONOMICAL REFLECTIVE FABRIC

Features

Ideal for regular and economical garments, such as cheap and non-rated vests.

| Item No. | Backing Fabric | Reflection | Domestic Washing | EN 20471/ ANSI 107 |
|----------|----------------|------------|------------------|--------------------|
| CSR-1001 | Poly | >10 | / | No |
| CSR-1006 | TC | >10 | / | No |
| CSR-100 | Poly | >100 | / | No |

* Width: any width from 1cm to 140cm.



CSR-1001



CSR-1006



CSR-100

SUPER QUALITY REFLECTIVE FABRIC

Features

Ideal for medium to heavyweight, polyester and polyester blend fabrics, such as jackets and industrial garments. Certified to EN 20471, ANSI 107, AS/NZS 1906, CSA-Z96.

| Item No. | Backing Fabric | Reflection | Domestic Washing |
|-------------|----------------|------------|------------------|
| CSR-1303-5 | Poly | >420 | 25 |
| CSR-1303-6B | TC | >330 | 25 |
| CSR-1303-6 | TC | >420 | 50 |
| CSR-1325 | TC | >420 | 100 |
| CSR-1303-8N | Poly & Spandex | >420 | 50 |
| CSR-1303-9 | Poly & Spandex | >420 | 25 |

* Width: any width from 1cm to 140cm.

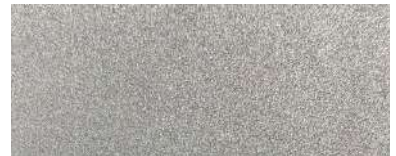
* CSR-1303-9 is double sides reflective which is good for edging.



CSR-1303-5



CSR-1303-6B



CSR-1303-6



CSR-1325



CSR-1303-8N



CSR-1303-9

INDUSTRIAL WASH REFLECTIVE FABRIC

Features

Ideal for heavy workwear and functional garments which are exposed to industrial laundering. Certified to EN 20471, ANSI 107.

| Item No. | Backing Fabric | Reflection | Industrial Washing | Domestic Washing | Dry Cleaning |
|----------|----------------|------------|--------------------|------------------|--------------|
| CSR-6360 | Poly | >420 | 25 | 25 | 25 |
| CSR-6370 | Hotmelt | >420 | 25 | 25 | 25 |
| CSR-6660 | Poly | >420 | 50 | 50 | 50 |
| CSR-6670 | Hotmelt | >420 | 50 | 50 | 50 |
| CSR-6680 | Poly & Spandex | >420 | 50 | 50 | 50 |
| CSR-6600 | Cotton | >420 | 50 | 50 | 50 |
| CSR-6610 | Aramid | >420 | 50 | 50 | 50 |

* Width: any width from 1cm to 140cm.

* Washing of hotmelt base depends on the condition of substrates and heat transfer operations.

* Industrial washing: ISO 15797 at 75°C with 90°C tumble dry.



CSR-6360



CSR-6370



CSR-6660



CSR-6670



CSR-6680



CSR-6600



CSR-6610

FLAME RETARDANT REFLECTIVE FABRIC

Features

Flame retardant reflective fabric is made from highly durable cotton/aramid fabric and can last longer against general wear. Suitable for applications for fire fighting and technical rescue clothing and equipment.



| Item No. | Backing Fabric | Reflection | Domestic Washing | Dry Cleaning |
|----------------|----------------|------------|------------------|--------------|
| CSR-1303-FR | Cotton | >420 | 50 | 50 |
| CSR-1303-FR2Y | Cotton | >420 | 50 | 50 |
| CSR-1303-FR2O | Cotton | >420 | 50 | 50 |
| CSR-1303-FRY | Cotton | >10 | / | / |
| CSR-G7604 | Cotton | >65 | 25 | 25 |
| CSR-1303-NM | Aramid | >420 | 50 | 50 |
| CSR-1303-NM2Y | Aramid | >420 | 50 | 50 |
| CSR-1303-NM2O | Aramid | >420 | 50 | 50 |
| CSR-1303-FRC | Cotton | >330 | 25 | 25 |
| CSR-1303-FR2YC | Cotton | >330 | 25 | 25 |

* Width: any width from 1cm to 140cm for silver color; 2", 3" and 4" size are available for two-tone warning tape.

* Above products are EN20471, ANSI-107, EN469, EN11612, EN14116, NFPA2112, NFPA1971 certified.



CSR-1303-FR



CSR-1303-FR2Y



CSR-1303-FR2O



CSR-1303-FRY



CSR-G7604



CSR-1303-NM



CSR-1303-NM2Y



CSR-1303-NM2O



CSR-1303-FRC



CSR-1303-FR2YC

FLAME RETARDANT REFLECTIVE HEAT TRANSFER TAPE

Features

Flame retardant reflective heat transfer tape offers multi-customized possibilities for designs which are highly functional, flexible, comfortable and durable. Suitable for applications for fire fighting and technical rescue clothing and equipment.



| Item No. | Color | Pattern | Reflection | Domestic Washing |
|--------------|----------------------|-----------|------------|------------------|
| CSR-4003FR | Silver | Solid | >420 | 50 |
| CSR-4014 | Yellow Silver Yellow | Solid | >420 | 25 |
| CSR-4015 | Orange Silver Orange | Solid | >420 | 25 |
| CSR-4003FR-Z | Silver | Segmented | >330 | 50 |
| CSR-4014-Z | Yellow Silver Yellow | Segmented | >330 | 25 |
| CSR-4015-Z | Orange Silver Orange | Segmented | >330 | 25 |

- * Width: any width from 1cm to 140cm for silver color; 2", 3" and 4" size are available for two-tone warning tape.
- * Washing of hotmelt base depends on the condition of substrates and heat transfer operations.
- * Customized patterns are available.



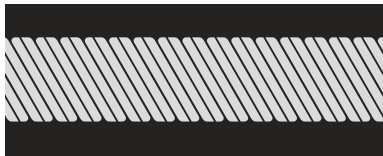
CSR-4003FR



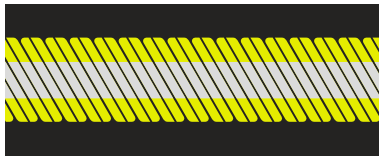
CSR-4014



CSR-4015



CSR-4003FR-Z



CSR-4014-Z



CSR-4015-Z



REFLECTIVE HEAT TRANSFER TAPE

Features

Ideal for conversion into emblems, patches, logos and labels in a variety of shapes and sizes. Transfer film can be applied to different base fabrics. We offer customized solutions.

| Item No. | Color | Reflection | Domestic Washing | EN 20471/ ANSI 107 | Feature |
|------------|--------|------------|------------------|--------------------|----------------------|
| CSR-4002 | Grey | >260 | 15 | No | Economical |
| CSR-4003AE | Silver | >260 | 15 | No | Silver Economical |
| CSR-4003 | Silver | >420 | 50 | Yes | Non-stretchable |
| CSR-4003E | Silver | >420 | 50 | Yes | Stretchable |
| CSR-4011 | Silver | >420 | 50 | Yes | Ideal for DWR Fabric |
| CSR-4003-Z | Silver | >420 | 50 | Yes | Low Melt Point |

- * Width: any width from 1cm to 140cm.
- * Washing depends on the condition of substrates and heat transfer operations.
- * Customized patterns are available.
- * Scan the QR code or type the following URL to see the operation suggestions:
https://www.chinareflective.com/faqs/How_to_apply_CNSS_heat_transfer_film.html



SEGMENTED REFLECTIVE HEAT TRANSFER TAPE

Features

Segmented reflective heat transfer tape provides functional, flexible, comfortable wearing experience for both protective uniform and sportswear.

| Item No. | Reflection | Domestic Washing | EN 20471/ ANSI 107 | Pattern |
|----------------|------------|------------------|-----------------------|---------|
| CSR-4003-Z001Y | >330 | 50 | Yes | |
| CSR-4003-Z002 | >330 | 50 | Yes | |
| CSR-4003-Z003 | >330 | 50 | Yes | |
| CSR-4003-Z005 | >330 | 50 | Yes | |
| CSR-4003-Z006 | >330 | 50 | Yes | |
| CSR-4003-Z010 | >330 | 50 | Yes | |
| CSR-4003-Z012 | >330 | 50 | Yes | |
| CSR-4003-Z021 | >330 | 50 | Yes | |
| CSR-4003-Z024 | >330 | 50 | Yes | |



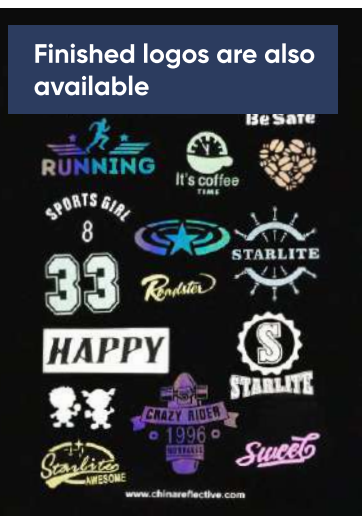
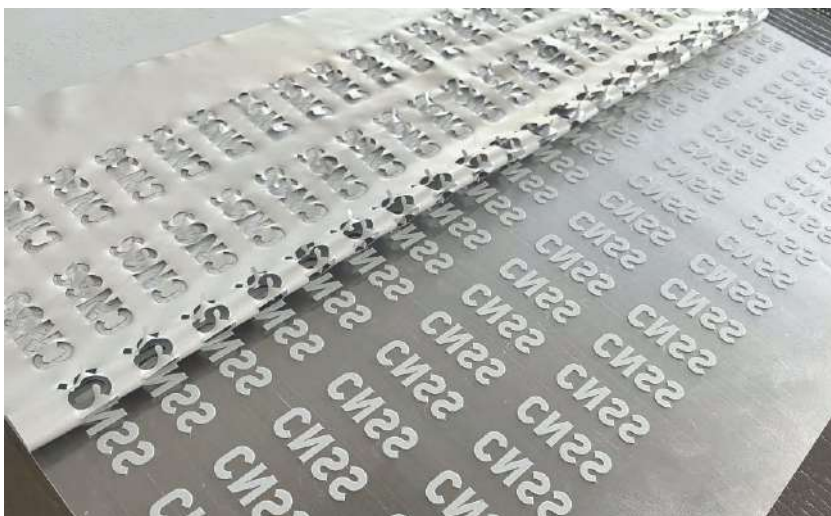
REFLECTIVE HEAT TRANSFER VINYL

Features

Designed for graphic applications and has perfect cutting properties and weeding properties due to the self-adhesive liner. The raw materials are ecologically inert, do not contain PVC or heavy metals, in accordance with Oeko-Tex standard 100.

| Item No. | Color | Liner | Reflection | Feature |
|-------------|---------|---------------|------------|-----------------------|
| CSR-1303-6Z | Silver | 0.14mm | >260 | Good for Printing |
| CSR-1303-7Z | Clear | 0.14mm | / | Good for Printing |
| CSR-4002T | Grey | 0.10mm Sticky | >260 | Economic Grey |
| CSR-4003GD | Silver | 0.14mm | >420 | High Reflective |
| CSR-4003AEM | Silver | 0.10mm Sticky | >260 | Economic Silver |
| CSR-4003AM | Silver | 0.10mm Sticky | >420 | High Reflective |
| CSR-L1009AM | Black | 0.10mm Sticky | >40 | Black High Reflective |
| CSR-809100 | Rainbow | 0.10mm Sticky | / | Rainbow Reflective |

- * Sticky liner helps to fasten the letter onto the liner which makes cutting and weeding process easier, especially for small letters. It also helps to fasten the logos onto fabric during heat transfer.
- * Washing of hotmelt base depends on the condition of substrates and heat transfer operations.
- * Scan the QR code or type the following URL to see the operation suggestions:
https://www.chinareflective.com/faqs/How_to_apply_CNSS_heat_transfer_film.html



REFLECTIVE PIPING

Features

Widely used on outdoor wear, bags, shoes, caps, etc. to outline and enhance the visibility of the wearer in nighttime or low-light conditions. The specification of reflective fabric, cotton thread and mesh cloth can be customized as per customers' requirements.



REFLECTIVE WEBBING

Features

Suitable for sewing on high visibility garment, sportswear, caps, bags, shoes, etc. and provide perfect protection at both daytime and nighttime.

The design and size can be customized for both transfer tape and webbing to meet different demands.



COLORED REFLECTIVE FABRIC

Combined retro-reflective glass beads with colored adhesives, inspiring designers to incorporate high visibility and colors. Customized colors are available.



PRINTED REFLECTIVE FABRIC

Offering multi-customized solutions of colored printing on reflective material to help to enhance your brand image in the market.



LASER PRINTED REFLECTIVE FABRIC

Offering multi-customized solutions of silver printing on reflective material to help to enhance your brand image in the market. Low MOQ and offer flexible options.



REFLECTIVE YARN

Good for weaving, knitting, stitching and embroidery, widely used on sportswear, bags, shoes, caps, etc.



REFLECTIVE PVC TAPE

Recommended sewing on high visibility clothing, life vest, bags etc., waterproof and dust proof with high reflection, multi colors and patterns available.





ZHEJIANG CHINASTARS
NEW MATERIALS GROUP CO., LTD.

Tel: +86-571-88156168

Fax: +86-571-88156171

Email: helen@chinastars.com.cn

Web: www.chinareflective.com

Add: 24F, Jinzun Tower, Zunbao Mansion, No.98
Shimin Street, Hangzhou, China, 310016

