

**ITEM NO.:** 5002-GS 100% COTTON FR ORANGE/SILVER REFLECTIVE FABRIC

**Product Description:**

The glass beads with high refractive index are made on the fabric backing surface by coating composite process so that the ordinary fabric can produce retro reflected light under the irradiation of light. It is mainly used for products related to road traffic safety. It is widely used in fire protection, electronic colliery system. etc. it can also be made into all kinds of reflective products and accessories. Similarly, it is an ideal choice for heavy and light fabrics (such as vest reflective tape).

**Basic Information:**

| WIDTH (CM)     | ROLL LENTH (M) | BACKING COMPOSITION |
|----------------|----------------|---------------------|
| 5/2<br>7.5/2.5 | 50,100,200 etc | 100%Cotton          |

| Gram weight (g/m <sup>2</sup> ) | Thickness (mm) |
|---------------------------------|----------------|
| 590-650                         | 0.48-0.54      |

**Reflection Performance:**

| Entrance Angle | Observe Angle | Retro- reflection | standards  | Test machine |
|----------------|---------------|-------------------|--|--------------|
| 5°             | 12'           | ≥400              | EN ISO20471-2013<br>ANSI/ISEA107-2015<br>CSAZ96-15 | roadvista932 |

**Washing Performance:**

| Washing cycles | Standards  |
|----------------|------------|
| ≥50            | ISO6330 6N |
| ≥50            | ISO3175    |
| ≥25            | ISO15797   |






## Environment Property Performance:

| ASTM1506 | ANSI/NFPA2112 (2012) | EN14116(EN533) |
|----------|----------------------|----------------|
| ✓        | ✓                    | ✓              |

## Environment Property Performance:

| SVHC | HR4040 | ROSH2.0 |
|------|--------|---------|
| ✓    | ✓      | ✓       |

## Precautions and maintenance instructions:

| Wash   |                                  | Dry  |                | Iron   |                           | Dry-Cleaning  |                         | Bleach   |               |
|--|----------------------------------|--|----------------|--|---------------------------|---|-------------------------|--|---------------|
|  | Machine wash hot, 60 °C (140 °F) |  | Tumble dry low |  | Low iron, 110 °C (230 °F) |  | Dry-clean, normal cycle |  | Do not bleach |

**Suggestions for prolonging the service life of reflective fabrics (the actual service life of reflective fabrics depends on the cleaning method and wear conditions, etc.):**

### 1. Working environment for cutting and clothing

Equipped with cooling equipment, maintain ventilation, need to work in low temperature and humidity environment; It is necessary to wear fingertips, gloves and sleeves for operation, and it is strictly prohibited to be stained with sweat, sweat and stains;

Prevent water and drinks from overturning and dripping;

Dry immediately after water or steam ironing; wipe immediately with alcohol or water when the surface contacts with sweat stains;

Clothing should be stored in the dehumidification or drying workshop for 12-24 hours, and then packaged when the humidity is below 40%.

### 2. Precautions for storage and use:

Avoid dragging and scraping to prevent hard objects from wearing;

It is strictly forbidden to stack heavy objects and stack them randomly;

Prevent contact with solvent, strong acid and alkali, sulfur compounds and chlorinated compounds, etc;

The storage environment is low temperature and dry;

When ironing, the surface of reflective products should be padded with thin cloth to avoid scratching;

When steam ironing, please pay attention not to leave water stains on the surface of reflective products.