

**ITEM NO.:** 4001 SILVER REFLECTIVE HEAT TRANSFER FILM

### Product Description:

Using a coating composite process to make glass micro spheres with high refractive index on the surface of the fabric, ordinary fabrics produce retro reflective light under the illumination of light. It can be mainly used for products related to road traffic safety, and is widely used in reflective clothing, all kinds of professional clothing, work clothes, fashion, shoes and hats, gloves, backpacks, personal protective equipment, outdoor products, etc. It can also be made into all kinds of reflective products and accessories. Similarly, for medium and thick fabrics and light and thin fabrics (such as vest reflective strips) is an ideal choice.

### Basic Information:

WIDTH (CM)	ROLL LENGTH (M)	BACKING COMPOSITION
50/100	50,100,200 etc	PES

Gram weight (g/m <sup>2</sup> )	Thickness (mm)
235-285	0.14-0.17

### Reflection Performance:

Entrance Angle	Observe Angle	Retro- reflection	standards	Test machine
5°	12'	≥450	EN ISO20471:2013 ANSI/ISEA107-2015 CSA Z96-15-II	roadvista932






### Washing Performance:

Washing cycles	Standards
≥25	ISO6330 6N
/	ISO3175
/	ISO15797

### Environment Property Performance:

SVHC	HR4040	ROSH2.0	EN71-3	OEKO-100 II
✓	✓	✓	✓	✓

### 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)		Do not dry-clean		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.