

3M™ Scotchlite™ Reflective Material 8910 Silver Fabric European Product Bulletin

1. Product Description

3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric is intended for the application on high-visibility warning clothing such as occupational work wear, consumer garments and accessories to enhance the visibility of the wearer during darkness and low light conditions. The fabric will appear brilliant white, when illuminated by vehicle headlights, even when the wearer is situated at the side of the road.

When converting/storing the reflective material, certain circumstances (see e.g. 6.2) may change the uniform appearance of the reflective material; the reflective properties – and hence the defined functionality – will not be affected by this.

2. Product Features

2.1 Product Design

3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric consists of exposed high performance glass lenses bonded to a high durable cloth backing (65% polyester, 35% cotton).

2.2 High Performance according to EN 471 and EN 1150

3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric:

- Exceeds the highest brightness requirements (EN 471 Level 2) for retroreflective material.
- Is non-orientation sensitive.
- Offers 60°C domestic wash durability, 50 cycles per EN 471.
- Offers good dry cleaning durability, 20 cycles per EN 471.
- Offers excellent drapability and smooth hand.

2.3 Special Feature

To ensure consistency of performance, 3M™ Scotchlite™ Reflective Materials are manufactured within an ISO 9002 controlled manufacturing environment.

3. General Safety Information

Read 3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric Product Bulletin carefully.

The wearer is ultimately responsible for his/her own safety.

- Verify the suitability of 3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric for the intended use of the PPE (EC Directive 89/656/EEC Art. 4 and Art. 5; EC Communication 89/C328/EEC Annex §7).
- No reflective material can guarantee absolute visibility.
- Various factors (e.g. environmental) can influence visibility. For further details see chapter 8 "Specific Safety Information".
- Field test the finished garment to verify its suitability for intended use and to select appropriate care conditions.

4. Product Application

Retroreflective materials are important in applications, where being visible can reduce the risk of an accident. Examples of environments, where high-visibility garments should be worn include applications of vehicular hazard such as motorways, rural and urban roads, railway environments, airports and docks.

Under certain environmental conditions application on flame-retardant fabrics might lead to corrosion; tests are strongly recommended.