

# Technical Data Sheet

## 3M™ Reflective Fabric 2925

Limited Regional Availability, Check with Your 3M Sales Representative

### Description

3M™ Reflective Fabric 2925 is specifically intended for the high visibility safety vest/waistcoat market. 3M does not warranty the performance of this product in any other applications such as T-shirts, consumer garments etc. Refer to 3M warranty for more details.

Reflective fabric 2925 is composed of wide angle, exposed retroreflective lenses bonded to a soft woven polyester fabric backing. The reflective surface is imaged with the “3M” logo for easy product identification.

Product is not recommended or warranted for use in applications other than safety vest/waistcoats, such as tee-shirts, athletic wear, etc.

### Color

3M™ Reflective Fabric 2925		
Product Number	Daytime Color	Reflected Color
2925	Grey	White

It is important to note that use, wear, laundering, and environmental conditions will affect performance. Please contact your 3M Sales Representative for proposed product specifications.

### Physical Performance

3M reflective fabric 2925 is certified to meet ANSI/ISEA 107-2010 Level 2 retroreflective performance and EN 471 Class 2 retroreflective performance, and will meet or exceed the following specifications:

3M™ Reflective Fabric 2925	
Physical Performance	Test Method
Retroreflectivity: (Initial)	ANSI/ISEA 107-2010 Level 2 (Table 5) EN 471 Class 2 (Table 5)
Abrasion: $R_A \geq 100$	EN 530 Method 2, 5000 cycles
Flexing: $R_A \geq 100$	ISO 7854 Method A, 7500 cycles
Cold Fold: $R_A \geq 100$	ISO 4675 (-20 °C)
Temperature Cycle: $R_A \geq 100$	12 hours @ (50±2 °C) 20 hours @ (-30±2 °C)
Wash: $R_A \geq 100$	ISO 6330 Method 2A, 25 cycles @ 60 °C (140 °F)
Wet Reflectivity: $R_A \geq 100$	ANSI/ISEA 107-2010 Annex A EN 471 Annex A

### Other Standards

3M reflective fabric 2925 is used globally. Please contact your local 3M Sales Representative for more information on certification to other high visibility standards. 3M reflective fabric 2925 is not certified for marine safety applications requiring IMO type approval. 3M™ Scotchlite™ Reflective Material – SOLAS Grade Products have this type of certificate.

### Performance

While use of 3M reflective fabric 2925 enhances visibility, no reflective material can guarantee absolute visibility, particularly in adverse weather conditions. Performance will vary depending upon actual use, exposure conditions, and maintenance. Customers should be aware that 3M presents a 3M™ Scotchlite™ Reflective Material product portfolio that offers a range of product attributes, and users should test reflective material to satisfy conformance to their own requirements.

### Application Instructions

Whenever two or more pieces of 3M reflective fabric 2925 are used together on a single surface or as a set, they should be matched to ensure uniform daytime color and nighttime reflectivity. All high visibility safety garments should be constructed in accordance with the appropriate standard(s).

**Cutting:** Die-cutting is recommended, although it can also be hand-cut or guillotined.

**Sewing:** Sew in place using a lockstitch with no more than 12 stitches per inch (2.54 cm), and not less than 5/64" (2 mm) from the edge of the reflective fabric. For best results, apply to light and medium weight fabrics.



## Care and Maintenance Instructions

**Important:** Test each application according to appropriate care instructions required for the finished product. Actual life of 3M™ Reflective Fabric 2925 depends on cleaning method and wear conditions. Care label recommendations for 3M reflective fabric 2925 are:

**Wash:**  Machine wash, 40 °C (105 °F)

**Bleach:**  Do not bleach

**Dry:**  Tumble dry low

**Iron:**  Use cool iron, 110 °C (230 °F)

**Dry-clean:**  Do not dry-clean

## Product Availability

3M reflective fabric 2925 is available in rolls with the following standard width and roll length:

3M™ Reflective Fabric 2925		
Width	Width Tolerance	Standard Roll Length
50.8 mm (2.0 in.)	± .5 mm (± .02 in.)	200 m (218.7 yd.)

## Important Notice to User

**WARRANTY, LIMITED REMEDY AND DISCLAIMER:** 3M warrants that 3M reflective fabric 2925 that is used for high visibility safety vest/waistcoat applications in accordance with 3M's written instructions will meet the applicable 3M product specifications. Because 3M reflective fabric 2925 is specifically intended for high visibility safety vest/waistcoat applications, 3M does not warranty the performance of the product in any other applications. **3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.** If any 3M reflective fabric 2925 does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## Order and Product Information

3M reflective fabric 2925 has limited regional availability and a minimum order quantity; contact your 3M Sales Representative for additional information.

## Storage and Shelf Life

Store in a cool, dry area and use within two years after date of receipt. Store rolls in original shipping cartons. Return partially used rolls to the carton or suspend horizontally through the core. Cut sheets should be stored flat.

## Handling Precautions for Hot and Humid Environments

3M reflective fabric 2925 contains an aluminum layer as part of its construction. Blemishing of this aluminum layer can occur if the front surface of the product has direct contact from hands during application and is then exposed to hot and humid conditions, greater than 80 °F and greater than 70% relative humidity, for a period of weeks. These blemishes do not affect the performance of the product.

**LIMITATION OF LIABILITY:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

**PRODUCT USE:** Because of the variety of factors that can affect the use and performance of 3M reflective fabric 2925, user is solely responsible for evaluating the product and determining whether it is fit for a particular purpose and suitable for user's method of application. User is solely responsible for determining the proper amount and placement of the product. While reflective products enhance visibility, no reflective product can ensure visibility or safety under all possible conditions. 3M may change the product, specification and availability of the product as improvements are made; therefore, user should contact 3M for latest information before specifying the product.

# 3M

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