



®

Peregrin.

Technical Workwear

CERTIFICACIÓN CHALECOS GEÓLOGOS



Los Chalecos Geologos Peregrin se fabrican con los Materiales de acuerdo a la exigencias de color y Durabilidad de la norma de vestuario de alta visibilidad EN-471 Europea y ANSI 107 Norteamericana.

Esto significa que los colores de nuestros materiales se ajustan al rango definido por la norma(seguridad en todo terreno) y que la durabilidad al sol y el uso es optima y mucho mejor que las telas convencionales del mismo color.

CERTIFICADO DE CUMPLIMIENTO DE LA NORMA PARA CADA COLOR EN LA SIGUIENTE PAGINA




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Certificate of Test

We hereby declare that the item described below has been tested by the Merchandise Testing Laboratories (U.K.) Ltd. And complies with the requirements of

BS EN471:1994 High Visibility Clothing for chromaticity, clause 5.1
Fastness to Rubbing, Perspiration, Washing and Hot pressing (..), clause 5.2,
Dimensional Stability to Washing @ 40°C Flat Dried, clause 5.3
and Burst Strength, clause 5.4.2.

*The full details of the tests and the results are given
in our reports*

Test Report: TR885/33286 Issue Date: 31/10/00

Description of item tested:

High Visibility Fluorescent Orange Polyester Tricot Fabric

Submitted by:



Certificate authorised by: J Moore

Title: Textile Technologist

Original Issue Date: 31/10/00
**Re-issue date due to name & address
change 22/02/02**



This declaration applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, certification, supervision, control or surveillance by M.T.L. (UK) Ltd to this or any related product.



Certificate of Test

We hereby declare that the item described below has been tested by the Merchandise Testing Laboratories (U.K.) Ltd. And complies with the requirements of

BS EN471:1994 High Visibility Clothing for chromaticity, clause 5.1
Fastness to Rubbing, Perspiration, Washing and Hot pressing (..), clause 5.2,
Dimensional Stability to Washing @ 40°C Flat Dried, clause 5.3
and Burst Strength, clause 5.4.2.

*The full details of the tests and the results are given
in our reports*

Test Report: TR885/33285 Issue Date: 31/10/00

Description of item tested:

High Visibility Fluorescent Yellow Polyester Tricot Fabric

Submitted by:



Certificate authorised by: J. Moore

Title: Textile Technologist

Original Issue Date: 31/10/00
**Re-issue date due to name & address
change 22/02/02**



TESTING No. 0421

This declaration applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, certification, supervision, control or surveillance by M.T.L. (UK) Ltd to this or any related product.

A continuación informe de ensayos por empresa certificadora
CAL-TEX LTDA con ensayos de reflectividad de las cintas 3M
aplicadas a los chalecos geologos Peregrin
en mención.

Metodo de ensayo NCh 3254/2011

iluminación :5°

Observación: 0,20'



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FO-202

 Informe N° 0447/2015
 16.03.15

INFORME DE ENSAYOS N° 0447/2015

1.- IDENTIFICACIÓN DE LA MUESTRA			
N° DE INGRESO:	0256/2015	FECHA DE INGRESO:	06/03/2015
CLIENTE:	CONFECCIONES VARGAS Y SEPULVEDA LTDA.		
CONTACTO:	Nombre: Sr. Diego Suazo Dirección: Calle del Arzobispo N° 0607, Providencia Teléfono: 227351587		
MUESTRA:	Dos chalecos geólogos, talla L, marca Peregrin.		
PRESUPUESTO N°:	0200/2015	FECHA ACEPTACIÓN:	05/03/2015
ENSAYOS SOLICITADOS:	Reflectividad de las cintas, bajo los siguientes parámetros: Coef. Intensidad lumínica retroreflectiva R' (cd/lx*m ²) Ángulo de Iluminación: 5° Ángulo de observación: 0,20'		
FECHA INICIO/ TÉRMINO ENSAYOS:	12/03/2015	N° FACTURA:	22624

2.- ANTECEDENTES

Los valores consignados en el presente informe corresponden a los resultados obtenidos en los análisis, expresamente, solicitados por el cliente, sobre la muestra por él aportada al laboratorio sin que representen certificación de lote, ni partida alguna.

FO-202

 Informe N° 0447/2015
 16.03.15

3.- RESULTADOS OBTENIDOS			
A) CHALECO GEÓLOGO NARANJA Y AMARILLO, TALLA L, MARCA PEREGRIN			
ENSAYO	VALOR MUESTRA	FECHA	MÉTODO DE ENSAYO
Coefficiente de intensidad lumínica retroreflectiva, promedio	477,6 cd/lux/m ²	12/03/15	NCh 3254/2011 Iluminación: 5º Observación: 0,20'
B) CHALECO GEÓLOGO NARANJA, TALLA L, MARCA PEREGRIN			
ENSAYO	VALOR MUESTRA	FECHA	MÉTODO DE ENSAYO
Coefficiente de intensidad lumínica retroreflectiva, promedio	464,0 cd/lux/m ²	12/03/15	NCh 3254/2011 Iluminación: 5º Observación: 0,20'

NOMBRE RESPONSABLE:	MARIA GRACIELA CUMSILLE S.
CARGO:	INGENIERO TEXTIL-JEFE DE LABORATORIO
FIRMA RESPONSABLE:	
FIRMA GERENTE GENERAL:	

A continuacion certificacion de cinta reflectiva 3M 8912 bajo la norma
OEKO-TEX® Standard 100

La norma OEKO-TEX® 100 es una prueba independiente
y sistema de certificación de las materias primas textiles, productos
intermedios y finales en todas las etapas de producción.

&

Certificacion de cinta reflectiva 3M 8912 bajo la norma:

ANSI/ISEA 107/2010

American National Standard for High-Visibility Safety Apparel and Headwear



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November 26, 2014

To whom it may concern:

Production lots of 3M™ Scotchlite™ Reflective Material – 8925 Silver Fabric are certified to Oeko-Tex® Standard 100, Product Class II if the production lot on the box or core label begins with “PFEA 4848.” This production lot commenced shipping in early January 2014.

Please let us know if you have any additional questions or require further information.

Sincerely,

A handwritten signature in black ink that reads "Diane Clifton". The signature is written in a cursive, flowing style.

3M

Diane Clifton | Product Responsibility
3M Personal Safety Division
3M Center, Building 235-2E-91 | St. Paul, MN 55144
Office: 651 737 3600
dclifton@mmm.com | www.3M.com

CERTIFICATE

Hohenstein
Textile Testing Institute
GmbH & Co. KG

HOHENSTEIN ●

Schloss Hohenstein · 74357 Boennigheim · Germany

Institute of the International Association for Research and Testing in the Field of Textile Ecology

The company

3M - Maplewood

3M Center, Building 0235-02-E-91

Maplewood, MN 55144-1000, USA

is granted authorisation according to Oeko-Tex® Standard 100 to use the Oeko-Tex® mark, based on our test report 14.0.51173



Tested for harmful substances
according to Oeko-Tex® Standard 100

14.HUS.51173

Hohenstein

for the following articles:

**3M™ Scotchlite™ Reflective Material - 8906 Silver Fabric Trim,
8912 Silver Fabric as well as 8925 Silver Fabric.**

The results of the inspection made according to Oeko-Tex® Standard 100, **product class I** have shown that the above mentioned goods meet the human-ecological requirements of the standard presently established for baby articles.

The certified articles fulfil the requirements of Annex XVII of REACH (incl. the use of azo-dyes, nickel, etc.) as well as the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the Oeko-Tex® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

This authorisation is valid until 30.11.2015

Boennigheim, 12.11.2014



A handwritten signature in blue ink, appearing to read 'Stefan Mecheels'.

Prof. Dr. Stefan Mecheels
Managing Director

A handwritten signature in blue ink, appearing to read 'Elisabeth Weisheit'.

Dipl.-Ing. (FH) Elisabeth Weisheit
Head of Test Centre
Oeko-Tex® Standard 100

Third Party Certification
(ANSI/ISEA-107-2010)
RETROREFLECTIVE MATERIAL COMPLIANCE

Submitted by: 3M

Style #: 8912, 3M™ Scotchlite™ Reflective Material

Color: Silver

Report #: MMM.A070910A

Date: August 18, 2010

The submitted material **MEETS** all **Level 2** performance requirements of retroreflective material prior to test exposure per ANSI/ISEA 107-2010.

The submitted material **MEETS** all **Level 2** performance requirements of retroreflective material after test exposure per ANSI/ISEA 107-2010.

All of the above tests and evaluations were performed in accordance with ISO 17025 Management Systems.

Certifications of background and garment material characteristics are not implied by this certificate or the original report.

Adam R. Varley

Certificate authorized by:
Adam R. Varley
Technical Director



Serial 60085070910A.MMM

*This certification applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, control, supervision, or surveillance by Vartest Laboratories Inc. to this or any related product.

3M™ Occupational Health & Environmental Safety Division
ANSI/ISEA-107-2010 **Retroreflective Material Test Results**

Style #: 8912, 3M™ Scotchlite™ Retroreflective Material

Color Silver

Date Issued: August 18, 2010

Vartest File #: MMM.070910A

The submitted material **MEETS** all Level 2 Photometric performance requirements of retroreflective material prior to test exposure per ANSI/ISEA-107-2010 clause 8.1 for minimum coefficient of retroreflection for retroreflective or combined performance materials.

The submitted material **MEETS** all Level 2 photometric performance requirements of retroreflective material after test exposure per ANSI/ISEA-107-2010 clause 8.2 for minimum coefficient of retroreflection for retroreflective or combined performance materials after abrasion, flexing, folding at cold temperatures, temperature variation, domestic washing (60 cycles).

SUMMARY

Specification: ANSI/ISEA 107-2010

American National Standard for High-Visibility Safety Apparel

Retroreflective material, Level 2

Retroreflective Performance, Initial.....	Passed
Abrasion.....	Passed
Flexing.....	Passed
Folding at Cold Temperatures.....	Passed
Exposure to Temperature Variation.....	Passed
Domestic Washing (60X).....	Passed
Retroreflective Performance in Rainfall.....	Passed



Signed For The Company By

Adam R. Varley
/A.R.V.

Serial #: 500850070910A.MMM

Adam R. Varley

Technical Director

