

Durch die Zentralstelle der Länder für Sicherheitstechnik (ZLS)
akkreditierte Zertifizierungsstelle für Produkte im Sinne der
EG-Richtlinie für Persönliche Schutzausrüstungen 89/686/EWG
und des §9 Abs. 2 Gerätesicherheitsgesetz, Kenn-Nr. 0516

ZLS
ZLS-ZE-693/09

Certificate

Technical type-examination
No. Z 4918/10-6068/11

Date: 2011-01-19

Applicant: SUNMICROTEK Co.,LTD.
#1107 Gayang Techno Town,
Gayang-Dong, Gangseo-Gu,
SEOUL
KOREA

Application of: 2010-11-22

Test specimen:

Type and designation: Reflective Silver Fabric

Intended use: Retroreflective material for high visibility warning clothing
according to EN 471+A1:2007

Results of the technical testing:

Test Report STFI No. 2333.1/10 of 2011-01-18
Certificate Report STFI Z 4918/10-6068/11 of 2011-01-19

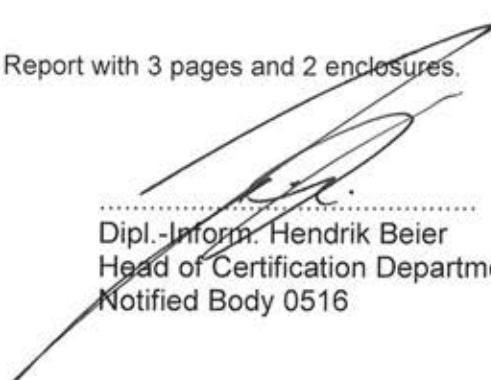
This Certificate proves the fulfilment of the basic requirements of document Council Directive 89/686/EEC and applies the suitability of tested material for using as retroreflective material in high visibility warning clothing according to EN 471+A1:2007. The material fulfils in origin the performance class 2 in accordance with clause 6.1 as well as the requirements in clause 6.2 after exposure to abrasion, flexing, folding at cold temperature, temperature variation, domestic washing (50 cycles) and influence of rainfall.

It is not a proof for norm conformity of protective clothing produced from it with regard to processibility and design. This is not an entitlement to use the CE- or GS-Mark.

This Certificate applies to products identical with the specimen. It is valid - in dependence on the validity of the test and certification foundations - by 2014-01-31. To renew the validity of the Certificate is possible on application.

This document consists of Certificate and Certificate Report with 3 pages and 2 enclosures.


Dipl.-Ing.-Ök. Andreas Berthel
Managing Director
STFI e. V.


Dipl.-Inform. Hendrik Beier
Head of Certification Department
Notified Body 0516