



Finnish Institute of  
Occupational Health

FIOH

notified by the Ministry of Social Affairs and Health  
and identified under 0403 grants

# EC TYPE EXAMINATION CERTIFICATE

16040GKS01

for high visibility clothing  
as defined in EN ISO 20471:2013 ,  
class 3 for minimum areas of visible materials  
**Myken Knitted Jacket class 3,**  
**Art. 35926 5 00-07 Orange, Art. 35926 6 00-07 Yellow**  
Synfiber AS  
Oslo, Norway

These products comply with Directive 89/686/EEC,  
as amended

Helsinki, 5 April 2016  
Expiry date: 4 April 2021

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## 1. Applicant

Synfiber AS  
Professor Birkelandsvei 35  
N-1081 Oslo  
Norway

## 2. Description and identification of the product

Type: High visibility clothing as defined in EN ISO 20471:2013

Class 3 for minimum areas of visible materials

Name: Myken Knitted Jacket, Art. 35926 5 00-07 Orange, Art. 35926 6 00-07 Yellow

Size range: XS ->

Description: Knitted jacket 35925 is made of a fluorescent orange or yellow 100% PES knitted fleece fabric, 300 g/m<sup>2</sup> (Sonny-Text Co. Ltd., Thailand).

Retroreflective material is LOXY® 17501 Silver or 9910 Silver (Sto-Nor Industri AS, Norway).

Manufacturer: Sonny-Text Co. Ltd., Thailand

Pictures of the products are on page 3.

## 3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. Materials and the products have been tested in accordance with a harmonized European standard EN ISO 20471:2013 by accredited testing laboratories. The models of the products supplied by the applicant conform to the technical documentation.

## 4. Compliance with basic health and safety requirements

The products and the technical documentation relating to them comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended.

Note: Any modification in design, materials, or in the technical documentation, carried out on these type examined products must be brought to the attention of FIOH.



Pictures of the products

Myken Knitted Jacket, Art. 35926 5 00-07 Orange, Art. 35926 6 00-07 Yellow



Appendix 1. Technical documentation

End of EC type examination certificate 16040GKS01.



**Technical documentation regarding EC type examination certificate 16040GKS01**

Product name: Myken Knitted Jacket, Art. 35926 5 00-07 Orange, Art. 35926 6 00-07 Yellow

Applicant: Synfiber AS, Professor Birkelandsvei 35, N-1081 Oslo, Norway

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	2016-02-02	
2. Product drawing, construction, and material list	Sketches of the products, 2016-02-02 Data sheet	Products are identified and materials are specified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.7	
3.1 FIOH assessment of relevant Directive basic requirements	2016-04-05	The applied harmonised standards EN ISO 13688:2013 and EN ISO 20471:2013 support the relevant requirements
3.2 BTGG test report	Ref: 11/21630/A/PJH, 2016-03-22 100% PES Sweater Fleece, HV Yellow Ref: 11/21630/B/PJH, 2015-03-22 100% PES Sweater Fleece, HV Orange	Fluorescent material and colours meet the requirements of EN ISO 20471:2013 (5 wash cycles at 40°C)
3.3 Satra test report	SPC0218279/1338/6, 2013-09-30 LOXY 17501	Retroreflective material meets the requirements of EN ISO 20471:2013
3.4 Satra test report	SPC0218279/1338/1, Issue 2, 2013-11-06 LOXY 9901	Retroreflective material meets the requirements of EN ISO 20471:2013
3.5 FIOH test record	Assessment of the design and measurements of areas, 2015-11-25	Jacket meets the minimum area requirements of class 3 as defined in EN ISO 20471:2013. Areas in size XS: • Knitted jacket: reflex 0.22 m <sup>2</sup> , fluorescent 0.84 m <sup>2</sup>
3.6 Draft information sheet	EN 471/20471 High Visibility, Synfiber Workwear	Document meets the requirements of Directive 89/686/EEC, EN ISO 13688:2013 and EN ISO 20471:2013
3.7 Product markings	Drafts for labels	Markings meet the requirements of EN ISO 13688:2013 and EN ISO 20471:2013
4. Description of the production quality system and related product control and test facilities	Product quality control pointers, Synfiber Workwear	Adequate to category II products