



## Appendix to user manual: High Visibility and UV protective clothing

Clothing in compliance with:  
EN ISO 20471 / EN 13758-2 and ANSI 107

Reference : **ScanPiqué HV Tropic**

### ANSI/ISEA 107:2020: High visibility safety apparel and accessories

This American standard provides guidelines for the selection and use of High visibility safety apparel and accessories to improve worker visibility during the day, in low light conditions and at night.



Type R  
Class 2  
Not FR

Type "R" roadway garments are compliant for occupational workers who are exposed to roadway traffic and who work in an environment with moving equipment/vehicles. This type designation and the classes within it now describe and make up the PPE that is federally mandated as per the MUTCD 2009.

Three classes of high-visibility safety apparel help the user to choose the proper garments based on expected work environment risks. The classes state the minimum amount of background and retro reflective material, and specify placement of retroreflective material as well as any technical requirements for garment design.

This garment is not flame resistant as defined by ANSI/ISEA 107-2020 Section 10.5.

#### Warning :

- The garments should not be covered with non-high visibility garments or accessories (e.g. logos)
- Fluorescent colour performance was measured and approved after 25 washings.
- Retroreflective properties were tested and approved after 50 washes.
- Cleaning is not the only factor related to the lifetime of the garment, also (sun)light and mechanical damage will cause the fluorescent colour to fade in time. In case of doubt about performance, please consult your safety officer for further guidance and/or replace the garment.



Made with 100% recycled paper

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# SCANPIQUÉ HV TROPIC

High Viz. Poloshirt



## User's Instruction

www.scandiagear.com

ROTTERDAM SINGAPORE HOUSTON DUBAI

MARITIME OUTFITTERS  
Since 1974

Scandia

# SCANPIQUÉ HV TROPIC

## High Viz. Poloshirt

### Product reference

ScanPique HV Tropic

### Complies with

EN ISO 13688:2013

EN ISO 20471:2013+A1:2016

EN 13758-2:2003+A1:2006

Type examination confirms that this garment complies with the essential requirements of the European Regulation 2016/425/EEC for Personal Protective Equipment (PPE). The harmonized standards EN13688:2013, EN13758-2:2003+A1:2006 and EN ISO 20471:2013+A1:2016 were used for certification of this garment.

Read these instructions carefully prior to first use and store them for future consultation.

### The EU Declaration of Conformity (DOC) can be obtained through following link:

[www.scandiagear.com](http://www.scandiagear.com)

## Application

### EN ISO 20471:2013+A1:2016

This Standard specifies requirements for High Visibility garments capable of signaling the user's presence visually. This garment provides conspicuity of the user in hazardous situations under any light conditions by day (fluorescent material) and under illumination by vehicle headlights in the dark (reflective material). Below pictogram on the garment indicates compliance with EN ISO 20471. The number next to the pictogram indicates the classification.



EN ISO 20471  
:2013+A1:2016

**X** X = Classification of the applied surface of fluorescent and retro reflective Material. Classes 1 to 3 (of which class 3 is the highest achievable class).

ScanPique HV Tropic complies with class 2.

Table: EN ISO 20471 classification of fluorescent and retroreflective surface (X):

	Class 1	Class 2	Class 3
Fluorescent material	0,14 m <sup>2</sup>	0,50 m <sup>2</sup>	0,80 m <sup>2</sup>
Reflective tape	0,10 m <sup>2</sup>	0,13 m <sup>2</sup>	0,20 m <sup>2</sup>

### Warning:

- The garments should not be covered with non-high visibility garments or accessories (e.g. logos)
- Fluorescent colour performance was measured and approved after 25 washings.
- Retroreflective properties were tested and approved after 50 washes.
- Cleaning is not the only factor related to the lifetime of the garment, also (sun)light and mechanical damage will cause the fluorescent colour to fade in time. In case of doubt about performance, please consult your safety officer for further guidance and/or replace the garment.



EN 13758-2  
:2003+A1:2006

### EN 13758-2:2003+A1:2006

#### UV protection

This clothing is designed to offer protection against solar ultraviolet radiation exposure (UVA and UVB). The UPF measured is >50. This means that more than 98% of the harmful UV-radiation is blocked by the fabric. The clothing herewith offers the highest level of protection.

#### Note :

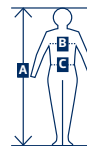
- Only covered parts of the body are protected. Take care of protection for other parts of the body (e.g. by wearing a hat and/or using sun milk)
- Protection may be reduced with use or if stretched or wet.

## Correct product use

- Damage of the clothing (for instance holes or tears) will most probably diminish the protection level of the garments. Regular checks on damage or ageing of the clothing and if necessary, repairing or replacing the garments will make sure your protection is maintained.
- In case repairs or alterations (e.g. adding badges) are needed, these need to be done by trained persons and only with original materials foreseen by the manufacturer and taking into account the design limitations of the applied standards.
- The garments should not be covered with non-high visibility garments or accessories (e.g. logos)
- Retro reflective properties were tested and approved after 25 washes.
- Fluorescent colour performance was measured and approved after 5 washings. Cleaning however is not the only factor related to the lifetime of the garment, also (sun)light and mechanical damage will cause the fluorescent colour to fade in time. In case of doubt about performance, please consult your safety officer for further guidance and/or replace the garment.
- This garment contains no toxic, carcinogenic, mutagenic, or other substances that can affect the health or hygiene of the user adversely. No allergic reactions due to skin contact with this garment are known.

- The garments can be recycled through the appropriate channels in your country.

## Size indication



A = Total length (cm)  
B = Girth of Chest (cm)  
C = Girth of waist (cm)

Consult the label in the garment to determine if the size is suitable for your body measurements. The dimensions, shown in the label are body measurements - these dimensions therefore deviate from the sizes of the garment

## Care Instructions

	Maximum washing temperature: 40°C / 104°F. Remark: washing at lower temperatures will improve the service life of the garments. The service life will also be influenced by the type and dosage of the detergents used. Reduce your footprint: wash less, save water and energy.
	Cannot be bleached with bleach or other chlorine based agents.
	Do not tumble dry
	Do not iron
	Do not dry clean

## Disclaimer

Scandia Gear is not liable for damages, in any form whatsoever, as a result of injudicious use or abuse or as a result of not acting according to these instructions.

For the design and certification of the clothing the following notified body was involved:

**NB 0598: SGS Fimko Ltd, Takomotie 8, FI-00380 Helsinki, Finland**