

KEEPING YOU SAFE

Safety Standards Guide

Garment Classifications

Garment types are grouped into three classes based on the conspicuity provided, with the classes dictating the minimum quantities of background and retroreflective materials to be used.

CLASS 3: Highest Protection Level:

Bands of retroreflective material shall not be less than 50mm wide. Minimum background material 0.80m². Minimum retroreflective material 0.20m². Horizontal reflective bands can now have an incline of $\pm 20^\circ$.

CLASS 2: Intermediate Protection Level:

Bands of retroreflective material shall not be less than 50mm wide. Minimum background material 0.50m². Minimum retroreflective material 0.13m².

CLASS 1: Lowest Protection Level:

Where enhanced visibility is an advantage, but for minimal risk/off road purposes only. Bands of retroreflective material shall not be less than 50mm wide. Minimum background material 0.14m². Minimum retroreflective material 0.10m².

On the 20th of June 2022, the Government amended their guidance on the requirements for UKCA marking across many product sectors including, of course, PPE.

The easements to the previously published guidance are to further support businesses as they adapt to the UKCA regime.

Where any PPE which has been CE conformity assessed and certified by non-UK conformity assessment bodies (i.e., Notified bodies) a manufacturer can now use that CE certification as the basis for declaring that product to be compliant with the UKCA regime. In the case of PPE, the CE certificate must be a valid Module B certificate. This means that a manufacturer can apply the UKCA mark without the need to involve Approved Bodies scoped for PPE. This easement will last until the 31st of December 2027 or until the expiry of the Module B, CE certificate (whichever is sooner).

UKCA will not be recognised in the EU market. Products that require CE marking will still need a CE marking to be sold in the EU.

All products offered as part of our Exclusive Brand ranges will be dual marked to both regulations.

We are actively in the process of ensuring all our products are certified to both regulations and are working with several Notified and Approved Bodies to achieve this.


You will start to see the UKCA symbol displayed on our products. During this time, we will be undertaking the necessary steps to update our product information via our website and product literature. If you require any further information regarding UKCA for any of our products, please contact technicalsupport@greenham.com




The UKCA (UK Conformity Assessed) marking is a new UK product marking that is to be used for goods being placed on the market in Great Britain (England, Wales, and Scotland). It covers most goods which previously required the CE marking.


Safety Symbols Guide


To aid selection, garments in this catalogue carry icons denoting the EN safety standards to which they comply. *All newly Certificated High-Visibility Garments must comply with EN ISO 20471

 **EN20471 – High-Visibility Warning Clothing**
3 classes of protection

 **EN342 – Protection against cold**
(Temperatures <math>< 5^\circ\text{C}</math>)

 **EN343 – Protection against Rain**
3 classes of waterproofness and breathability

 **RIS-3279-TOM – Approved Garments for Railway Workers**
Railway Group Standard GO/RT 3279 has been replaced by the Rail Industry Standard RIS-3279-TOM, High Visibility Clothing, which reproduces the content of GO/RT in its entirety as Annex "A" of that document.

 **EN 13758-2 Protects the skin against the sun's harmful UVA and UVB rays**
Clothing that is certified with this standard is marked with an ultraviolet protection factor (UPF-value), which indicates the level of protection provided.

Buying Guide

High-Visibility Garments – The requirements and the facts

Being struck by a moving vehicle is the second most common cause of death in the workplace. It is therefore essential that any High-Visibility garments issued to employees conform to all relevant performance standards (EN20471, European Standard for High-Visibility Clothing) and are worn and maintained correctly for maximum protection.

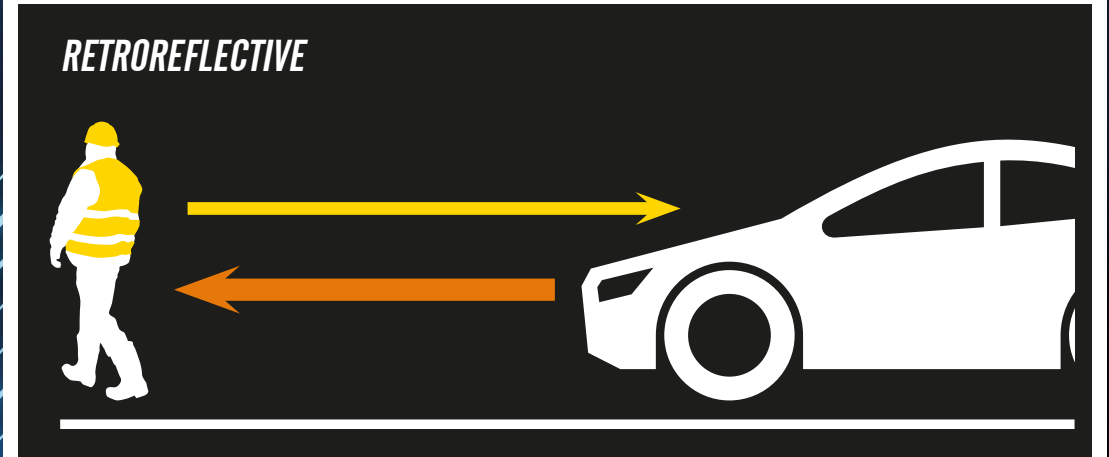
So what does this mean to you?

In order to comply with all UK and European legislation, you need to ensure that the High-Visibility garments you

buy comply with the following: 'High-Visibility clothing conforming to EN20471 which must be worn at all times.'

All Retroreflective Materials used in our High-Visibility Clothing exceed the highest brightness category of EN20471.

Retroreflective Materials greatly enhance your visibility in low light situations. This reflective material returns light to a light source – such as vehicle headlights – creating a bright image that motorists are more likely to see from a distance. As a result, motorists and pedestrians have more time to react.



Highways Agency: Chapter 8 Traffic Signs Manual (Part 2) – Operations: Para 06.3.2

The workforce and supervisory staff should wear High-Visibility warning clothing at all times when on site. Clothing shall comply with EN20471 Class 2 or 3 (Class 3 on motorways and other high speed roads) and shall comply with the requirements of paragraph 4.2.3(b) of the Standard. The colour of the clothing shall normally be fluorescent yellow or fluorescent orange-red complying with Table 2 of the Standard.

The retroreflective material shall be to Class 2 as defined in Table 5 of the Standard. In addition, on motorways and other high-speed roads, High-Visibility jackets or coveralls shall have full length sleeves meeting the requirement of paragraph 4.2.4 of EN20471. This requirement may be varied to three-quarter-length sleeves where a risk assessment shows full-length sleeves would present increased risk due to the activity being undertaken.

Staff should also wear High-Visibility trousers complying with Class 1 of EN20471 where the carrying of large items of equipment or other activities may at any time obscure the visibility of the high visibility jacket or vest.

Highways Agency: Temporary Traffic Management On High-Speed Roads: Good Working Practice (Section W7)

Operatives who are engaged in activities on live traffic lanes should wear High-Visibility Garments to EN20471 Class 3

