

3M Scotchlite™ Reflective Material



Advice concerning the new EN471

The revised EN471 standard for high visibility clothing was published on the 21st April 2004.

The key changes to the standard are:

- **Positioning of the reflective tapes**

Reflective bands may be applied to the garment at an angle, +/-20°.

On trousers, the reflective bands can be applied in any position, from the bottom of the leg.

On full-length sleeves the bands need not be positioned to align with those on the torso.

- **Non-fluorescent materials**

Non-fluorescent materials must now be tested for dimensional stability and colourfastness.

- **Industrial laundry of reflective bands**

Reflective materials must exceed a minimum retro-reflective value of 100 cd/1x/m² after 5 industrial washing cycles (in accordance with ISO 15797), if required by the garment.

- **Clothing classes**

All garment classes must meet minimum surface requirements specified.

	Class 1	Class 2	Class 3
Background material	0,14 m ²	0,50 m ²	0,80 m ²
Retro-reflective material	0,10 m ²	0,13 m ²	0,20 m ²
Combined performance material	0,20 m ²	-	-

It is mandatory to include a label sewn on the inside of the garment showing the CE mark, the garment's conformity with EN471 and the performance level of the garment.

With over 50 years' experience in research, development and manufacture of reflective materials 3M is committed to the highest quality standards.

For further information, please visit our website; www.scotchlite.co.uk or call our Manchester Sales Office on: **0161 237 6269**

