

X Y High-visibility PPE and Retro-reflective band classes

PPE categories

There are 3 PPE categories:

Category I: PPE to protect against minimum risks.

Category II: PPE to protect against medium to high grade risks, although not mortal or irreversible.

Category III: PPE to protect against life-threatening or irreversible risks.

X There are 3 classes of high-visibility PPE:

Class 1: Low visibility level fluorescent $0.14m^2$, retro-reflective $0.10m^2$ or combined $0.20m^2$.

Class 2: Medium visibility level fluorescent $0.50m^2$ and retro-reflective $0.13m^2$.

Class 3: High visibility level fluorescent $0.80m^2$ and retro-reflective $0.20m^2$.

Y There are 2 classes of retro-reflective bands:

Class 1: Medium retro-reflective level

Class 2: High retro-reflective level



Water Penetration/ Breathability

This standard encompasses materials and stitching and is divided into two sections: water penetration and resistance to water vapour.

For water penetration there are three classes, where Class 2 requires W_p (water pressure) ≥ 8000 Pa and Class 3 requires $W_p \geq 13000$ Pa.

Class 1 requires the same as Class 2, but without pre-treatment.

For resistance to water vapour (RET), (the lower the rating the greater the penetration) there are 3 classes:

Class 1: $RET \geq 40$,

Class 2: $20 < RET \leq 40$,

Class 3: $RET \leq 20$



Protective Clothing Labels

General requirements

- Manufacturers mark
- Product identifying mark
- Size or size range
- Specific hazard protection plus performance levels
- Care labelling.

