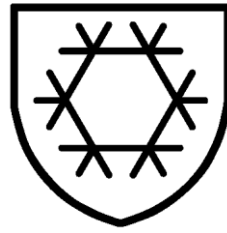


# EN 511 – Protective gloves against Cold

**EN511: 2006**



X.X.X

## X – Resistance to convective cold:

This is measured based on the transfer of cold through the glove via convection. A model hand heated to body temperature is subjected to a cold room; the resistance to the room's climatic temperature and also the energy required by the hand to maintain a constant temperature are both measured to arrive at a final score.

Scored from 1 – 4 (X=not been tested)

## X – Resistance to conductive cold:

This measures the how protective the garment is when put into direct contact with a cold object or source. The sample is placed between a warm plate and a cold plate before an extractor fan is used to cool both plates further, the results are then compared to a reference standard and a final level decided.

Scored from 1 – 4 (X=not been tested)

## X – Water Permeability:

These tests ensure that your hands will be completely safe from water seeping in and is simply a pass (1) or fail (0) (X=not been tested) - if the glove cannot withstand water permeating its fabric after 30 minutes of exposure it will fail. Receiving a Level 0 on this test does not necessarily mean these gloves do not perform highly in the other two areas and can still earn them accreditation. All gloves that achieve this standard must also pass at least level 1 of the EN 388 abrasion tests, so you can be sure your hands are in good gloves!