

Guide to Standard EN511 : 2006

Gloves Giving Protection From the Cold

All gloves must also achieve at least performance level 2 for abrasion and tear (EN388)



Protection against cold is shown by a pictogram that is followed by three performance levels, each pertaining to specific protective qualities.



A

Resistance to Convective Cold

Thermal insulation qualities of a glove that are determined by measuring cold transfer via convection

Performance Level

0 1 2 3 4

Resistance

B

Resistance to Contact Cold

Thermal resistance of glove material when exposed to direct contact with cold object

Performance Level

0 1 2 3 4

Resistance

C

Permeability by Water

0 indicates water penetration after 30 minutes of exposure, 1 indicates no water penetration

0
No water
Penetration

1
Water
Penetration

After 30 minutes
of exposure