

EN16350:2014



This standard provides additional requirements for protective gloves that are worn in areas where flammable or explosive areas exist or might be present. It specifies a test method and requirements for performance, marking and information for electrostatic dissipative protective gloves to minimize explosion risks.

TERMS AND DEFINITIONS

- Oxygen-enriched flammable atmosphere
Atmosphere in which the oxygen content exceeds 21,5% volume fraction of air
- Vertical resistance
RV
Electrical resistance through a material in Ohms, as determined by using specified electrodes
- To earth
Connect a conductor to the main body of the earth to ensure that it is earth potential

Requirements

Material requirements

- Vertical resistance $< 1.0 \cdot 10^8 \Omega$

Design requirements

- Protective gloves shall be produced without electrically conductive connections (e.g. by metal rivets).
- External thin attachments, such as label or reflective strips shall be permanently attached around all edges.
- Adjustment systems such as hook and loop systems not be used.