

Insulated Electrician's Pliers

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools

Insulated electrician's pliers are tested to 1000 V with rated insulation covering the handles and shafts, built for safe work on live and near-live circuits. The insulation is double-layer and marked with the voltage rating - never use unrated pliers near live work.

Key Features

- 1000 V tested insulation
- VDE/GS certification markings
- Insulation covers the hinge area
- Combination, cutter and long-nose types
- Flame-resistant handle materials

Typical Uses in the Workshop

- Safe work around live circuits
- Terminating and cutting cable
- Wire pulling and twisting
- Electrical board work by trained staff

Safe Operation

1. Inspect the insulation before each use
2. Check the certification markings are legible
3. Use only within the rated voltage
4. Grip and cut at the correct angles
5. Keep the pliers clean and dry

SAFETY NOTES

- Never use pliers with damaged or cracked insulation
- Do not use near live parts unless rated and trained
- Keep handles dry and free of oil
- Re-test insulated tools periodically
- Do not exceed the 1000 V rating

Maintenance & Consumables

- Check the insulation for cuts and wear
- Clean and dry after use
- Store away from heat and solvents
- Re-test or re-certify on schedule
- Replace tools with worn insulation

Specification & Buying Notes

Buy VDE-rated pliers with clear certification marks from reputable brands. The insulation and marking are the protection - cheap unrated tools are not for electrical work.