

High resistance measurements are susceptible to errors caused by incorrect types of test lead.

To measure high resistances above 1 MOhm it is important to use the correct type of test leads.

✗ PVC INSULATED test leads will introduce **ADDITIONAL** resistance – this becomes significant above 1 MOhm. This may cause the effect of a lower resistance value being measured (by shunting the resistor).

✓ COAXIAL SCREENED test leads provide screening and very high insulation resistance allowing accurate measurements above 1 MOhm.

Examples of incorrect and correct test lead usage when measuring high resistance :

