

Fluke TL175 TwistGuard™ Test Leads



Key features

- Patented TwistGuard™ reduces tip exposure
- New WearGuard™ silicone leads indicate when to replace leads
- Heavy-duty strain relief tested to 30,000+ bends without failure

Product overview: Fluke TL175 TwistGuard™ Test Leads

Twist. Test. Stay Safe.

The Fluke TL175 TwistGuard™ Test Leads offer adjustable length test tips for use in different measurement environments. By simply twisting the test lead the user can change the exposed probe tip length from 19 mm to 4 mm (0.75 in to 0.16 in).

"They work well, are very durable, and add a whole new level to safety...along with the ability to twist them to expose the entire probe for more traditional feel while testing"- S.C., verified customer

Patented TwistGuard™ extendable tip

The adjustable tip shroud meets new electrical safety requirements to reduce tip exposure while providing the versatility needed for most measurements. The correct category rating for the tip exposure being used is always visible on the test leads. This makes the TL175 test leads suitable for use in many environments:

- CAT II 1000 V
- CAT III 1000 V

- CAT IV 600 V

Safety inside and out

WearGuard™ lead wire wear indicator makes it easier to see insulation wear and tear. If the inner, white insulation layer shows through the outer, black layer, damage is indicated, and the leads must be replaced. The silicone insulation withstands high temperatures and remains flexible in cold temperatures. While the universal input plugs are compatible with all instruments that accept standard 4 mm shrouded banana plugs.

Specifications: Fluke TL175 TwistGuard™ Test Leads

Ratings: CAT II 1000 V, CAT III 1000 V, CAT IV 600 V, 10 A max., Pollution Degree 2

Exposed probe tip length: 19 to 4 mm (0.75 to 0.16 in)

Environmental ratings: -20°C to 55°C (-4°F to 131°F), altitude: 2000 m (6,562 ft)

TL175E also available. Includes removable 4 mm lantern tips that thread onto the lead tip.
Conforms to EN61010-031

Ordering information



Fluke TL175

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Fluke. *Keeping your world up and running.®*

Fluke Corporation

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