

## TECHNICAL DATA

# Fluke TL175-HV CAT III 1500 V TwistGuard™ Test Leads









## Key features

- TwistGuard™ technology features an adjustable tip that enhances safety during use.
- Heavy-duty leads tested for 30,000+ bends
- Rated CAT III 1500 V, CAT IV 1000 V for high voltage safety standards
- See compatible products below

## Product overview: Fluke TL175-HV CAT III 1500 V TwistGuard™ Test Leads

The Fluke TL175-HV CAT III 1500 V TwistGuard™ Test Leads are ideal for high voltage testing in solar and industrial applications, meeting CAT III 1500 V and CAT IV 1000 V safety standards.

- High Voltage Testing: Specifically designed for applications requiring higher voltage testing and measurement, such as solar photovoltaic (PV) systems and industrial environments.
- Safety Compliance: Meets CAT III 1500 V and CAT IV 1000 V safety standards, ensuring reliable and safe operation in demanding conditions.
- TwistGuard™ Technology: Innovative extendable tip guard enhances safety by allowing adjustable tip length, minimizing risks like arc flash during measurements.
- Durable Construction: Built with double layers of flexible silicone insulation, maintaining flexibility and preventing cracking even in cold weather.
- Robust Performance: Tested to withstand over 30,000 bends without failure, ensuring long-lasting reliability in rigorous environments.
- Compatibility: Equipped with shrouded 4 mm banana plugs, compatible with a wide range of digital multimeters and measurement instruments.
- Ergonomic Design: Designed for comfortable handling and reduced user fatigue during prolonged testing sessions, enhancing overall efficiency.

## Specifications: Fluke TL175-HV CAT III 1500 V TwistGuard™ Test Leads

Specifications	
Safety Ratings	IEC 61010-031, CAT II 1500 V, CAT III 1500 V, CAT IV 1000 V
Current Measurement	10 A maximum
Insulation	Double insulated silicone wire
Lead Length	1.5 meters (5 feet)
Environmental Ratings	-20°C to 55°C (-4°F to 131°F), 90% Relative Humidity, Altitude 2000 m (6,562 ft), Pollution Degree 2

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02/2025

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