



FLUKE®

Safe. Rugged. Fluke.

1000 volt insulated hand tools.

Lifetime warranty.

NEW Product Introduction

Fluke Company Confidential

Safe. Rugged. Fluke.

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1000 volt insulated hand tools, lifetime warranty

Fluke introduces an exciting new family of 11 premium insulated hand tools that give you a new business opportunity.

Insulated hand tools are required by European regulatory bodies. Fluke insulated hand tools are a key part of an overall **Electrical Safety** program.

When electricians and technicians are working in hazardous areas, Fluke 1000V insulated hand tools offer everything they need:



SAFETY



DURABILITY



TRUST



What testing is required for an insulated tool?

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There is a set of strict test requirements before an insulated tool can carry the VDE Insulated markings (here are just a few of the test requirements)



Voltage – insulated tools are tested to 10,000 volts but are rated at 1,000 volts AC and 1,500 volts DC



Adhesion – test the adhesion of the handle to the tool



Impact – handles are tested to -25C°/ -13F° under extreme temperatures



Flame – handles are subjected to a flame and must self-extinguish

Fluke's insulated hand tools comply with requirements of IEC/EN 60900, Live working – Hand tools for use up to 1000V AC and 1500V DC

Insulated Hand Tools Opportunity: value proposition

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Continuing with the premium quality, safety and long lasting tradition of our test instruments, Fluke offers a line of 11 premium insulated hand tools that offer the greatest safety, comfort and quality/ruggedness when working on energized circuits, maximizing comfort and minimizing the chance of stress-related injuries.

Fluke insulated hand tools are:

- The most comfortable, **ergonomic design** possible
- Designed and manufactured in **state of the art facilities in Germany to traditional Fluke quality standards**, using the best materials and advanced manufacturing techniques available
- Compliant to the **safety standards established by European regulatory bodies** (built according to IEC 60900 and VDE approved), which are recognized and used globally



Customer needs and product features have been consistently tested the last year in our development stages with over +700 different Fluke and insulated hand tools core costumers (industrial and commercial electricians).

Fluke Insulated Pliers

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- Pump Pliers
- Lineman Combination Plier
- Diagonal Cutter
- Long Nose Cutter

VDE certified and rated to a 1000 volts AC. Compliant with international standards such as IEC 60900 and ASTM F1505.

The unique, ergonomic yet rugged design provides extra safety and adherence to users.

Fluke Insulated Screwdrivers



- Ergonomic handle that adapts to user's hand, causes less strain and work fatigue and provides maximum torque.
- Full length, impact proof handle core is coated with soft-grip outer material, hanging hole for extra security, and anti-roll handle design.
- Slim insulated shaft allows access in hard to reach areas.
- Manufactured from CMV steel for superior durability.



Screwdriver Type	Item #
 Slot	5067271
 Slot	5067280
 Slot	5067298
 Phillips	5067306
 Phillips	5067314
 Square	5067323
 Square	5067338

Special Kits and Bundles

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- Special kits and bundles to drive innovation to the category by leveraging existing strong Fluke portfolio in the Digital Multimeters and Testers space
- Bundled discount to the end user with innovative products such as the T6 electrical tester, 117, 179, 87-5 Digital Multimeter and the 376FC Clamp
- Innovation in kits and sets with roll up cases, pouches, screwdriver kits and electrician backpacks



- Insulated 7 units Screwdriver Kit
- Insulated 5 screwdriver + 3 plier Tools Starter Kit
- Insulated 3 units Plier Kit



- Fluke Pack30 + Hand Tool Starter Kit



- T6-1000/EU + Insulated 3 screwdriver
- T6-1000/EU + Insulated 5 screwdriver



- FLUKE-117 + Insulated 3 screwdriver
- FLUKE-117 + Insulated 5 screwdriver



- FLUKE-179* + Insulated 3 screwdriver
 - FLUKE-179* + Insulated 5 screwdriver
 - FLUKE-179* + Hand Tool Starter Kit Bundle
- * 4 models 179 available



- FLUKE-87-5 + Insulated 3 screwdriver
- FLUKE-87-5 + Insulated 5 screwdriver



- FLUKE-376 FC + Insulated 3 screwdriver
- FLUKE-376 FC + Insulated 5 screwdriver

Product mix of SKUs plus kits and bundles and accessories are an important offering as part of the buying process for customer consideration)

Key Customers

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	Industrial maintenance electricians	Commercial electricians / electrical contractors
		
Typical Workflows	 Route-based maintenance and troubleshooting	Wire pulling, ductwork, wiring devices, electrical troubleshooting
Tasks where Insulated Hand Tools are used	 Opening and closing panels, connecting and disconnecting electrical contacts, cutting wire, hot wire replacement, lighting, battery service	Live panel work, diagnostic and repair, breakers, connecting main power to building system, Installing circuit breakers into live electrical panels
Equipment serviced	 Circuit breakers, circuitry, switchgear, distribution boards, panel boards, starters, motors, VFDs, panels, motor controls	Switch gear, motors and controllers, service equipment and control panels, sub panels, disconnects
Pain Points	 Disappointed with quality of current tools. Want tools that are comfortable to use <i>"I want tools that are rugged yet comfortable in my hand to prevent repetitive motion injuries"</i>	They need tools that last. Reliability is an even bigger issue than with industrial users because electricians are always on the go. <i>"I need to be seen as a professional in the trade, coworkers, managers and customers. I need the best quality available. I can't use my cousin's tools"</i>

Fluke Insulated Long nose pliers with side cutter and gripping zones

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- Unique milled wave pattern gripping zones
- 4 gripping points for pulling round objects with superior grip that won't slip
- Added value working sensitive pieces - copper tubes, thread, cable
- Straight, half-round, long and slim knurled jaws, specially profiled
- Side cutting edge for wire cutting
- German CMV steel



Item Number	Type	Fluke Noun	Description	Warranty Item
5067232	Pliers/Cutters	INLP8	Insulated Long Nose /w Side Cutter, 8 in, 200mm, 1000V	LIFETIME

Fluke Insulated High Leverage Diagonal Cutter

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- Cuts hard materials including steel and piano wire
- Power joint and precision cutting edges
- German CMV steel



Item Number	Type	Fluke Noun	Description	Warranty Item
5067244	Pliers/Cutters	INDC8	Insulated High Leverage Diagonal Cutter, 8 in, 200mm, 1000V	LIFETIME

Fluke Insulated Fast Adjustable Pump Pliers

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- More gripping strength and comfort compared to conventional pump pliers of the same length
- 27 jaw adjustment steps for more accurate gripping of work piece with less slippage than other designs
- Improved access to the workpiece in tight spaces due to slim size in the head and joint area
- Self-locking on pipes and nuts: no slipping on the workpiece with low hand force required
- Gripping surfaces with teeth hardened to HRC61 for low wear and reliable gripping
- Box-joint design; high stability because of double guide
- Pinch guard prevents operators' fingers being pinched
- German CMV steel, forged, multi stage oil-hardened



Item Number	Type	Fluke Noun	Description	Warranty Item
5067259	Pliers/Cutters	INPP10	Insulated Pump Plier Fast adjustable, 10 in, 250 mm, 1000V	LIFETIME

Fluke Insulated Lineman Combination Plier

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- Secure hold by aggressive serrated jaws and 4-point gripping hole
- Slim shape for better access to wires in tight spaces
- Powerful gripping jaw, yet 20% lighter weight than other designs
- German CMV steel



Item Number	Type	Fluke Noun	Description	Warranty Item
5067267	Pliers/Cutters	INCP8	Insulated Lineman Combination Plier, 8 in, 200 mm, 1000V	LIFETIME

Fluke Insulated Pliers

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Pump Pliers, Lineman Combination Plier, Diagonal Cutter, Long Nose Cutter. VDE certified and rated to a 1000 volts AC. Compliant with international standards such as IEC 60900 and ASTM F1505. The unique, ergonomic yet rugged design provides extra safety and adherence to users.

Item Number	Fluke Noun	Description	Warranty Item
5067232	INLP8	Insulated Long Nose /w Side Cutter, 8 in, 200mm, 1000V	LIFETIME
5067244	INDC8	Insulated High Leverage Diagonal Cutter, 8 in, 200mm, 1000V	LIFETIME
5067259	INPP10	Insulated Pump Plier Fast adjustable, 10 in, 250 mm, 1000V	LIFETIME
5067267	INCP8	Insulated Lineman Combination Plier, 8 in, 200 mm, 1000V	LIFETIME

Fluke Insulated Pliers

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Plier Type	Item Number	Nominal Length
Long Nose	5067232	8 in, 200 mm
Diagonal Cutters	5067244	8 in, 200 mm
Adjustable/Pump Pliers	5067259	10 in, 250 mm
Lineman Combination Pliers	5067267	8 in, 200 mm

Fluke Insulated Screwdrivers

- Ergonomic handle that adapts to user's hand, causes less strain and work fatigue and provides maximum torque.
- Full length, impact proof handle core is coated with soft-grip outer material, hanging hole for extra security, and anti-roll handle design.
- Slim insulated shaft allows access in hard to reach areas.
- Manufactured from CMV steel for superior durability.



Item Number	Type	Fluke Noun	Description	Warranty Item
5067271	Slotted Screwdrivers	ISLS3	Insulated Slotted Screwdriver 3/32x3 in, 2.5 mm x 75 mm, 1000V	LIFETIME
5067280	Slotted Screwdrivers	ISLS5	Insulated Slotted Screwdriver 5/32x4 in, 4 mm x 100 mm, 1000V	LIFETIME
5067298	Slotted Screwdrivers	ISLS8	Insulated Slotted Screwdriver 1/4x5 in, 6 mm x 125 mm, 1000V	LIFETIME
5067306	Philips Screwdrivers	IPHS1	Insulated Phillips Screwdriver #1, 3 in, 75 mm, 1000V	LIFETIME
5067314	Philips Screwdrivers	IPHS2	Insulated Phillips Screwdriver #2, 4 in, 100 mm, 1000V	LIFETIME
5067323	Squared Screwdrivers	ISQS1	Insulated Squared Screwdriver #1, 4 in, 100 mm, 1000V	LIFETIME
5067338	Squared Screwdrivers	ISQS2	Insulated Squared Screwdriver #2, 5 in, 125 mm, 1000V	LIFETIME



Fluke Insulated Screwdrivers

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Screwdriver Type		Item #	Model	Blade length	Handle length	Handle width	Shaft diameter
Slot		5067271	ISLS3	3 in 75 mm	3-3/8 in 86 mm	1 in 25 mm	3/32 in 2.5 mm
Slot		5067280	ISLS5	4 in 100 mm	3-11/16 in 94 mm	1-5/16 in 30 mm	5/32 in 4 mm
Slot		5067298	ISLS8	5 in 125 mm	4-3/16 in 106 mm	1-7/16 in 36 mm	1/4 in 6 mm
Phillips		5067306	IPHS1	3 in 75 mm	3-11/16 in 94 mm	1-3/16 in 30 mm	7/32 in 5.5 mm
Phillips		5067314	IPHS2	4 in 100 mm	4-3/16 in 106 mm	1-7/16 in 36 mm	1/4 in 6 mm
Square		5067323	ISQS1	4 in 100 mm	3-11/16 in 94 mm	1-3/16 in 30 mm	5/32 in 4 mm
Square		5067338	ISQS2	5 in 125 mm	4-3/16 in 106 mm	1-7/16 in 36 mm	1/4 in 6 mm

