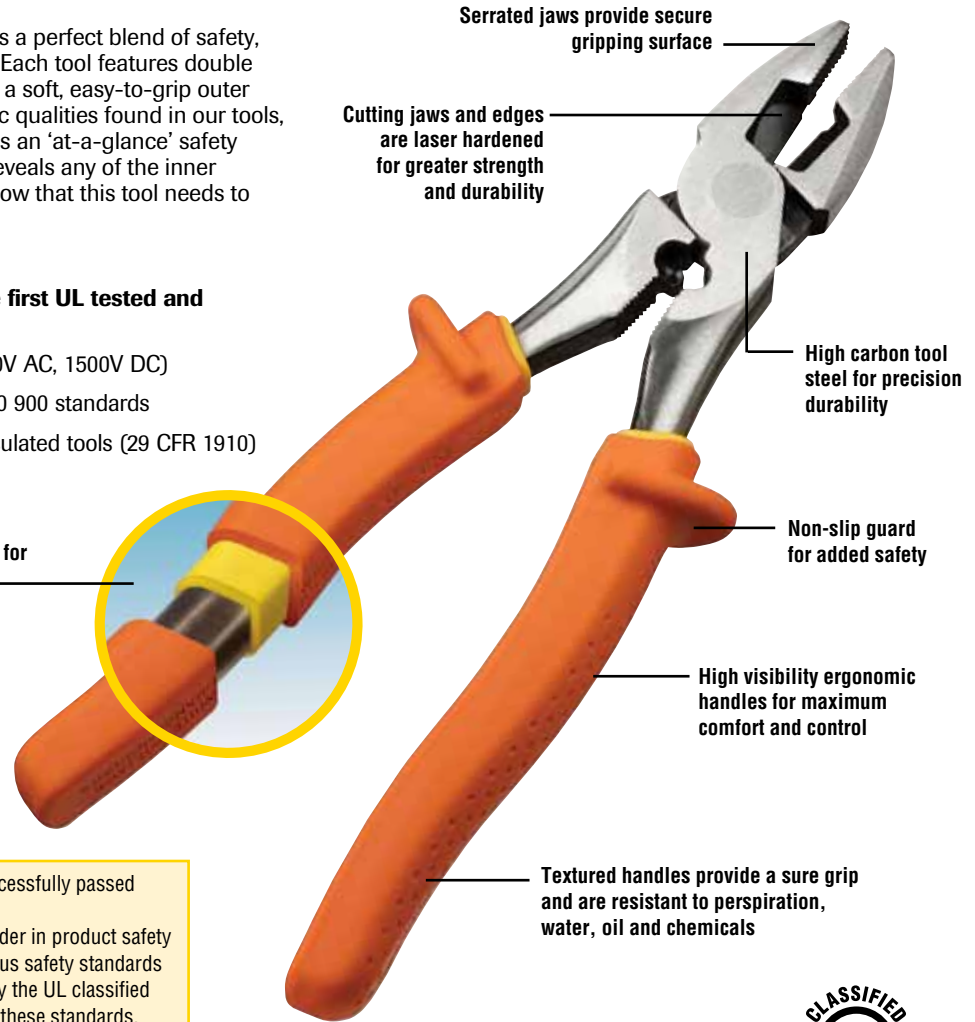


## Insulated Tools

The IDEAL insulated tool line creates a perfect blend of safety, comfort and precision functionality. Each tool features double insulated Santoprene® handles with a soft, easy-to-grip outer surface. In addition to the ergonomic qualities found in our tools, the insulated coating process acts as an 'at-a-glance' safety check. If the orange outer coating reveals any of the inner yellow surface, an electrician will know that this tool needs to be replaced.

### Features

- IDEAL pliers and strippers are the **first UL tested and listed** insulated tools available
- Tools are 1000 Volt certified (1000V AC, 1500V DC)
- Meets ASTM F1505-01 and IEC 60 900 standards
- Meets OSHA requirements for insulated tools (29 CFR 1910)



Permanently bonded, double insulated handles for added safety

Serrated jaws provide secure gripping surface

Cutting jaws and edges are laser hardened for greater strength and durability

High carbon tool steel for precision durability

Non-slip guard for added safety

High visibility ergonomic handles for maximum comfort and control

Textured handles provide a sure grip and are resistant to perspiration, water, oil and chemicals

Santoprene® is a registered trademark of Exxon Mobil.



Our tools are the first to have successfully passed UL classification requirements! Recognized as the undisputed leader in product safety and certification, UL has developed rigorous safety standards for 1000V insulated tools. In order to carry the UL classified mark, tools must be tested by UL to meet these standards.

Only tools that carry the UL Classified mark have passed this stringent certification process. Why accept anything else?



Pliers only



### Cutting Jaws

Induction hardened cutting edges for precise cuts and long life.



### Impact-Resistant

Designed for the most rugged job site conditions.



### Safety Finger Guard

Reduces chance of accidental contact with exposed metal tool parts.

# Insulated Screwdrivers & Nutdrivers – More Torque and More Safety

IDEAL insulated screwdrivers and nutdrivers are VDE certified to 1000V AC. Each one is designed to meet ASTM F1505-01, EN, DIN and IEC 60 900 test standards.

## Features

- Tempered blades are finished with black oxide and super hardened for maximum quality
- Tools are certified to 1000V (1000V AC, 1500V DC)
- Precision ground tips provide secure fit for less spin-out
- Meets OSHA requirements for insulated tools (29 CFR 1910)



Precision-ground tips provide secure fit for less spin-out



Molded-on insulation provides permanent bonding



Tempered chrome vanadium tool steel blades are super hardened for maximum quality



### Warning

Whenever possible, always de-energize lines and equipment prior to working on or around them. 1000V insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source. Work around energized circuits should only be done when absolutely necessary and only by qualified technicians. Property damage, personal injury or death may result if the following warnings are not heeded:

- Do not use any insulated tool if the insulation cracks, breaks or becomes damaged in any way. Destroy all dual-layer tools if the inner yellow layer shows through the orange outer layer.
- Do not touch the uninsulated portion of an insulated tool or any conductive object when either might contact an energized source.
- Tools must be kept clean and dry for proper insulating properties.
- Always inspect insulated tools before use.
- Use additional protection by wearing protective clothing and approved eye protection.
- Always use tools that are specifically designed for the task.
- These tools meet UL 22PP, ASTM F1505-01 and IEC 60900 standards for insulated tools.
- Always follow OSHA 1910 S and NFPA 70E safety requirements when doing electrical work.

## REGULATIONS

### Testing:

- Every 1000V insulated plier we sell is individually tested to ensure no failure when subjected to live current.

### UL and VDE Certification:

Listed below are some of the tests we perform in order to pass certification:

- Tools are immersed in water for 24 hours, then tested under current for 3 minutes to ensure no current leakage or sparkover occurs.
- After being stored for 168 hours at  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ), tools are dropped to ensure no damage from impact.
- After being stored for 168 hours at  $+70^{\circ}\text{C}$  ( $158^{\circ}\text{F}$ ), a tensile load is applied to ensure the grip is firmly bonded to the tool.
- Tools are subjected to flame for 10 seconds to ensure no flammability of the insulating material.

### OSHA Regulations:

OSHA 1910.335(a)(2)(i) When working near exposed energized conductors or circuit parts, each employee shall use insulated tools or handling equipment if the tools or handling equipment might make contact with such conductors or parts.

OSHA 1910.335 (a)(1)(i) Employees working in areas where there are potential electrical hazards shall be provided with, and shall use, electrical protective equipment that is appropriate for the specific parts of the body to be protected and for the work to be performed.

**Make sure you are in compliance by providing and using IDEAL insulated tools!**



# TOOLS & SUPPLIES

INSULATED TOOL KITS

## Basic Insulated Kit



35-9100

## Journeyman Insulated Kit



35-9102

Description	Cat. No.
Basic Insulated Kit	<b>35-9100</b>
<b>35-9100 Includes</b>	<b>Cat. No.</b>
9 in. Insulated Side Cutter w/Crimp	<b>30-9430</b>
7-1/2 in. Non-Conductive Fuse Puller	<b>34-002</b>
8 in. Insulated Offset Diagonal Cutting Plier	<b>35-9029</b>
8-1/2 in. Insulated Long-Nose Plier	<b>35-9038</b>
2/0 Insulated Cable Cutter	<b>35-9052</b>
1/4 in. x 4 in. Insulated Slotted Screwdriver	<b>35-9150</b>
1/4 in. x 6 in. Insulated Slotted Screwdriver	<b>35-9151</b>
#2 x 4 in. Insulated Phillips Screwdriver	<b>35-9194</b>
Heavy-Duty Soft Case	<b>35-9350</b>
Red Safety Lock w/Key	<b>44-916</b>
Breaker Lockout, Tall & Wide	<b>44-956</b>
Breaker Lockout, Standard & Double	<b>44-957</b>
Insulated T <sup>®</sup> -5 T <sup>®</sup> -Stripper Wire Stripper	<b>45-9120</b>

Description	Cat. No.
Journeyman Insulated Kit	<b>35-9102</b>
<b>35-9102 Includes</b>	<b>Cat. No.</b>
Insulated Linesman's Pliers	<b>30-9430</b>
Insulated Multi-Crimp Tool	<b>30-9429</b>
7-1/2 in. Non-Conductive Fuse Puller	<b>34-002</b>
8 in. Insulated Offset Diagonal Cutting Plier	<b>35-9029</b>
8-1/2 in. Insulated Long-Nose Plier	<b>35-9038</b>
2/0 Insulated Cable Cutter	<b>35-9052</b>
1/4 in. x 4 in. Insulated Slotted Screwdriver	<b>35-9150</b>
1/4 in. x 6 in. Insulated Slotted Screwdriver	<b>35-9151</b>
5/16 in. x 7 in. Insulated Slotted Screwdriver	<b>35-9166</b>
3/8 in. x 8 in. Insulated Slotted Screwdriver	<b>35-9168</b>
#1 x 3-3/16 in. Insulated Phillips Screwdriver	<b>35-9193</b>
#2 x 4 in. Insulated Phillips Screwdriver	<b>35-9194</b>
#3 x 6 in. Insulated Phillips Screwdriver	<b>35-9196</b>
3/16 in. x 5 in. Insulated Nutdriver	<b>35-9290</b>
1/4 in. x 5 in. Insulated Nutdriver	<b>35-9291</b>
5/16 in. x 5 in. Insulated Nutdriver	<b>35-9292</b>
3/8 in. x 5 in. Insulated Nutdriver	<b>35-9294</b>
7/16 in. x 5 in. Insulated Nutdriver	<b>35-9295</b>
1/2 in. x 5 in. Insulated Nutdriver	<b>35-9296</b>
Insulated Knife	<b>35-9340</b>
Heavy-Duty Soft Case	<b>35-9352</b>
10 in. Insulated Tongue & Groove Plier	<b>35-9430</b>
Breaker Lockout, Tall & Wide	<b>44-956</b>
Breaker Lockout, Standard & Double	<b>44-957</b>
Red Safety Lock w/Key	<b>44-916</b>
Insulated T <sup>®</sup> -5 T <sup>®</sup> -Stripper Wire Stripper	<b>45-9120</b>
Volt-Sensor <sup>®</sup> NCV Tester	<b>61-063</b>



## Standard Insulated Kit



35-9101

## 9-Piece Insulated Kit



35-9108

Description	Cat. No.
Standard Insulated Kit	<b>35-9101</b>
<b>35-9101 Includes</b>	<b>Cat. No.</b>
9 in. Insulated Side Cutter w/Crimp	<b>30-9430</b>
7-1/2 in. Non-Conductive Fuse Puller	<b>34-002</b>
8 in. Insulated Offset Diagonal Cutting Plier	<b>35-9029</b>
8-1/2 in. Insulated Long-Nose Plier	<b>35-9038</b>
2/0 Insulated Cable Cutter	<b>35-9052</b>
1/8 in. x 4 in. Insulated Slotted Screwdriver	<b>35-9149</b>
1/4 in. x 4 in. Insulated Slotted Screwdriver	<b>35-9150</b>
1/4 in. x 6 in. Insulated Slotted Screwdriver	<b>35-9151</b>
5/16 in. x 7 in. Insulated Slotted Screwdriver	<b>35-9166</b>
3/8 in. x 8 in. Insulated Slotted Screwdriver	<b>35-9168</b>
#1 x 3-3/16 in. Insulated Phillips Screwdriver	<b>35-9193</b>
Insulated Knife	<b>35-9340</b>
Heavy-Duty Soft Case	<b>35-9351</b>
10 in. Insulated Tongue & Groove Plier	<b>35-9430</b>
Breaker Lockout, Tall & Wide	<b>44-956</b>
Breaker Lockout, Standard & Double	<b>44-957</b>
Red Safety Lock w/Key	<b>44-916</b>
Insulated T <sup>®</sup> -5 T <sup>®</sup> -Stripper Wire Stripper	<b>45-9120</b>
Volt-Sensor <sup>®</sup> NCV Tester	<b>61-063</b>

Description	Cat. No.
9-Piece Insulated Kit	<b>35-9108</b>
<b>35-9108 Includes</b>	<b>Cat. No.</b>
9 in. Insulated Side Cutter w/Crimp	<b>30-9430</b>
8 in. Offset Diagonal Cutting Plier	<b>35-9029</b>
8-1/2 in. Long Nose Plier	<b>35-9038</b>
T <sup>®</sup> -5 T <sup>®</sup> -Stripper Wire Stripper	<b>45-9120</b>
Slotted 7/32 in. x 5 in. Screwdriver	<b>35-9147</b>
Slotted 1/4 in. x 4 in. Screwdriver	<b>35-9150</b>
Slotted 1/4 in. x 6 in. Screwdriver	<b>35-9151</b>
Phillips #1 x 3-3/16 in. Screwdriver	<b>35-9193</b>
Phillips #2 x 4 in. Screwdriver	<b>35-9194</b>
Heavy-Duty Soft Case	<b>35-9350</b>

## 2-Piece Insulated Screwdriver Kit



Description	Cat. No.
2-Piece Insulated Kit	<b>35-9305</b>
<b>35-9305 Includes</b>	<b>Cat. No.</b>
Slotted 1/4 in. x 4 in. Insulated Screwdriver	<b>35-9150</b>
Phillips #2 x 4 in. Insulated Screwdriver	<b>35-9194</b>

## Insulated Tools



35-9038 30-9429 35-9430 30-9430 35-9052 35-9029 45-9120

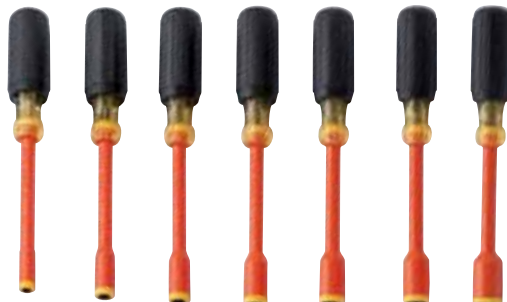
Description	Cat. No.
Premium T <sup>®</sup> -Stripper Wire Stripper	45-9120
8 in. Diagonal Cutting Pliers w/angled head	35-9029
9-1/2 in. High-Leverage Cable Cutter	35-9052
9-1/4 in. Side Cutting Linesman Pliers	30-9430
10 in. Tongue and Groove Pliers	35-9430
9-3/4 in. Multi-Crimp Tool	30-9429
8-1/2 in. Long-Nose Pliers	35-9038

## Insulated Screwdrivers



Description	Cat. No.
9-Piece Insulated Screwdriver Kit	35-9103
<b>Kit 35-9103 Includes:</b>	<b>Cat. No.</b>
Phillips #1 x 3-3/16 in. Insulated Screwdriver	35-9193
Phillips #2 x 4 in. Insulated Screwdriver	35-9194
Phillips #3 x 6 in. Insulated Screwdriver	35-9196
Square SQ #0 1/4 in. x 4 in. Insulated Screwdriver	35-9690
Slotted 1/4 in. x 4 in. Insulated Screwdriver	35-9150
Slotted 7/32 in. x 5 in. Insulated Screwdriver	35-9147
Slotted 1/4 in. x 6 in. Insulated Screwdriver	35-9151
Slotted 5/16 in. x 7 in. Insulated Screwdriver	35-9166
Slotted 3/8 in. x 8 in. Insulated Screwdriver	35-9168

## Insulated Nutdrivers

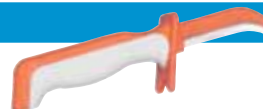


Description	Cat. No.
7-Piece Insulated Nutdriver Kit	35-9104
<b>Kit 35-9104 Includes:</b>	<b>Cat. No.</b>
3/16 in. x 5 in. Insulated Nutdriver	35-9290
1/4 in. x 5 in. Insulated Nutdriver	35-9291
5/16 in. x 5 in. Insulated Nutdriver	35-9292
3/8 in. x 5 in. Insulated Nutdriver	35-9294
7/16 in. x 5 in. Insulated Nutdriver	35-9295
1/2 in. x 5 in. Insulated Nutdriver	35-9296
9/16 in. x 5 in. Insulated Nutdriver	35-9297



## Insulated Knife

Description	Cat. No.
Insulated Electrician's Skinning Knife	35-9340






## Cases



Description	Cat. No.
Soft Zipper Case for Basic Kit (35-9100 & 35-9108)	35-9350
Soft Zipper Case for Standard Kit (35-9101)	35-9351
Soft Zipper Case for Journeyman Kit (35-9102)	35-9352
Hard Case for Screwdriver Kit (35-9103) & Nutdriver Kit (35-9104)	35-9353

## Safe-T-Grip® Fuse Pullers

- Maximum efficiency and convenience for removing or replacing cartridge-type fuses
- Three sizes handle fuses ranging from 0 to 600A
- Fully insulated, high-dielectric, glass-filled polypropylene construction
- Notched handles provide safe, no-slip grip
- Clearly marked amperage ranges
- Exceed MIL specifications

Description		Cat. No.
Small Puller for 250V, 9/32 in. to 1/2 in. dia. fuses; 5 in. long		<b>34-001</b>
Medium Puller for 0 to 100A/250V & 600V, 1/2 in. to 1 in. dia. fuses; 7-1/2 in. long		<b>34-002</b>
Large Puller for 31 to 600A/250V & 31 to 400A/600V, 3/4 in. to 2-1/2 in. dia. fuses; 11-3/4 in. long		<b>34-003</b>

## Fuse Puller Cross Reference

Fuse Size	Current	Voltage	IDEAL	Bussmann	Littlefuse
Ferrule Type	Amps	Volt a.c.			
1/4 x 1-1/4	1/500 to 30	250	<b>34-015</b>	FP-A3	97023
13/32 x 1-1/2	1/10 to 30	250	<b>34-001, 34-015</b>	FP-2	MFP
9/16 x 2	1/10 to 30	250	<b>34-002, 34-012, 34-016</b>	FP-2	LPFP
13/16 x 3	35 to 60	250	<b>34-016, 34-003, 34-012</b>	FP-2	LPFP
Knife Blade	Amps	Volt a.c.			
1 x 5-7/8	70 to 100	250	<b>34-012, 34-002, 34-016</b>	FP-3	LPFP
1-1/2 x 7-1/8	110 to 200	250	<b>34-003</b>	FP-3	LPFP
2 x 8-5/8	225 to 400	250	<b>34-003</b>	FP-4	GFP
2-1/2 x 10-3/8	450 to 600	250	<b>34-003</b>	FP-4	GFP
Ferrule Type	Amps	Volt a.c.			
13/32 x 1-1/2	1/10 to 30	600	<b>34-001, 34-012, 34-016</b>	FP-2	MFP
3/4 x 5	1/10 to 30	600	<b>34-002</b>	FP-2	MFP
1 x 5-1/2	35 to 60	600	<b>34-012, 34-002, 34-016</b>	FP-3	MFP
Knife Blade	Amps	Volt a.c.			
1-1/4 x 7-1/8	70 to 100	600	<b>34-003</b>	FP-3	LPFP
1-3/4 x 9-5/8	110 to 200	600	<b>34-003</b>	FP-4	LPFP
2-1/2 x 11-5/8	225 to 400	600	<b>34-003</b>	FP-4	LPFP
3 x 13-3/8	450 to 600	600	<b>NONE</b>	NONE	NONE

## Fuse Puller & Test Light



- Convenient pocket-sized tool safely pulls cartridge fuses and checks electrical connections
- Test prods fit parallel and tandem slot receptacles
- Built-in resistors limit current flow to eliminate false indication
- For 9/16 in. to 1 in. fuses
- For use on fuses to 100A/250V and 60A/600V
- Test capacity from 100V to 600V AC/DC



Description		Cat. No.
Fuse Puller & Test Light		<b>34-012</b>

## Fuse Pullers

- Molded of tough, high-impact nylon for greater strength
- No-slip gripping surface and protective finger stops for added safety

Description		Cat. No.
Small Puller for 0 to 30A/250V, 1/4 in. to 1/2 in. dia. fuses; 5 in. long		<b>34-015</b>
Large Puller for 0 to 100A/250V & 0 to 60A/600V, 9/16 in. to 1 in. dia. fuses; 7-1/4 in. long		<b>34-016</b>

**Please visit our website at [www.idealindustries.com](http://www.idealindustries.com) for more safety products from IDEAL!**

- **Insulated Tools**
- **Lockout/Tagout**
- **Fish Tapes**
- **Thermal Imaging**
- **Streetlight Kits**

